ZTE Source™ User Manual

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About This Manual

Thank you for choosing this ZTE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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SRS TruMedia™, a feature-rich audio solution tuned specifically for mobile devices, provides a cinema-like surround headphone performance with deep, rich bass.

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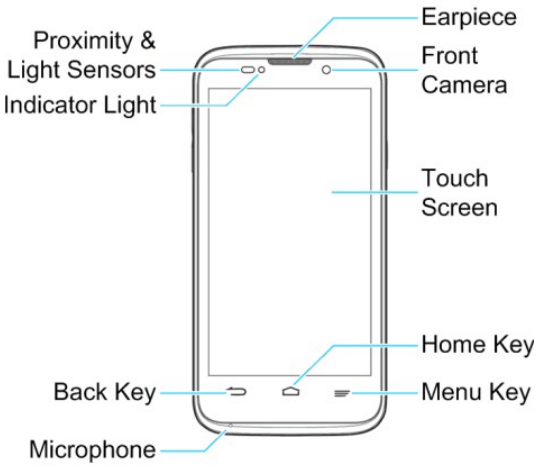
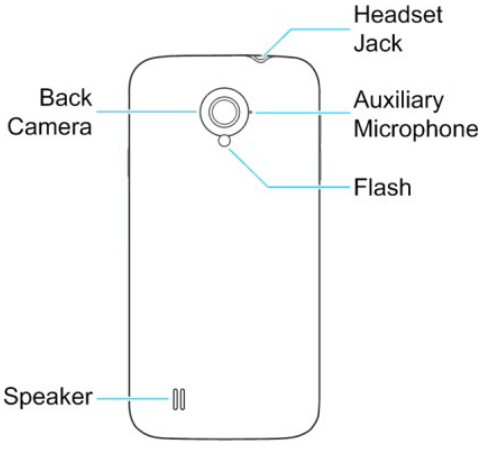
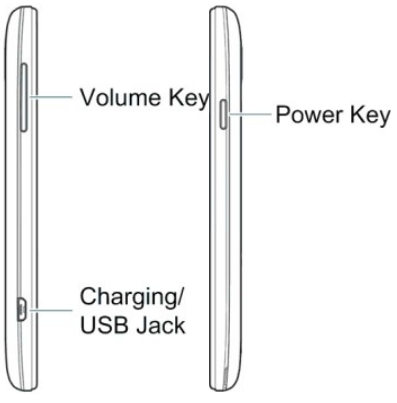
Getting Started

Getting to Know Your Device







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Knowing the Keys

Key	Function
Power Key	•Press and hold to turn on or off Airplane mode, enable silent mode, vibration mode or sound, restart, or to power off. •Press to switch your phone to sleep mode. •Press to wake up your phone.
Volume Key	Press or hold either end of the key to turn the volume up or down.
Home Key	•Touch to return to the

Key	Function
	Home Screen from any application or screen. •Touch and hold to see recently used applications.
Back Key	Touch to go to the previous screen.
Menu Key	Touch to get the options for the current screen.

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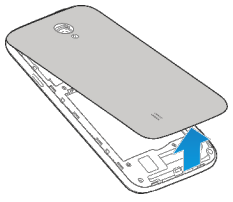
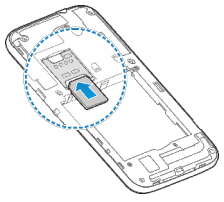
Installing the UICC Card, microSD Card and Battery

Switch off your phone before installing or replacing the battery or the UICC card.

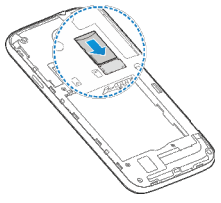
1. Remove the back cover.



2. Hold the UICC card with the cut corner oriented as shown and slip it into the card holder.



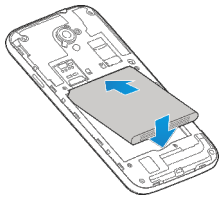
3. (Optional). Hold your microSD card with the metal contacts facing down and slide it in.



Notes:

Some applications may require a microSD card to work normally or may store certain data on it. Therefore, it is recommended that you keep a microSD card installed and not remove or replace it randomly.

4. Insert the battery by aligning the metal contacts on the battery with the metal contacts in the battery compartment. Gently push down on the battery until it clicks into place.



5. Press the cover gently back into place until you hear a click.

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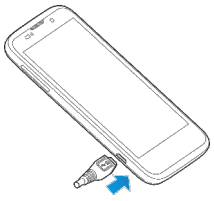
Charging the Battery

Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

Warning:

Use only ZTE-approved chargers and cables. The use of unapproved accessories could damage your phone or cause the battery to explode.

1. Plug the USB connector into the charging jack on the lower left side of your phone.



2. Plug the AC adapter into an electrical outlet.

3. Disconnect the charger when the battery is fully charged.

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Extending the Battery Life

Active applications, screen brightness levels, Bluetooth and Wi-Fi usage and GPS functionality can drain your battery. You can follow the helpful tips below to conserve your battery power.

- Reduce the screen backlight time.
- Lower the screen brightness.
- Turn Wi-Fi and Bluetooth off when not in use.
- Disable the GPS function when not in use. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.

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Powering On/Off

Press and hold the **Power Key** to turn on your phone.

To turn it off, press and hold the **Power Key** to open the options menu. Touch **Power off** and then touch **OK**.

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Locking/Unlocking the Screen and Keys

Your phone allows you to quickly lock the screen and keys (put the phone into sleep mode) when not in use and to turn the screen back on and unlock it when you need it.

To quickly turn the screen off and lock the keys, press the **Power Key**.

Notes:

To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone screen is off.

To unlock the screen and keys, press the **Power Key** to turn the screen on and then touch and hold at the center of the screen.

Notes:

If you have set a Face Unlock, an unlock pattern, a PIN or a password for your phone (see the chapter *Personalizing – Protecting Your Phone With Screen Locks*), you'll need to look at the phone, draw the pattern, or enter the PIN/password to unlock.

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Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

- Touch

  When you want to type using the onscreen keyboard, select onscreen items such as application and settings icons, or press onscreen buttons, simply touch them with your finger.

- Touch and Hold

  To open the available options for an item (for example, a message or link in a Web page), touch and hold the item.

- Swipe or Slide

  To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

- Drag

  To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

- Pinch

  In some apps (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).

- Rotate the screen

  For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

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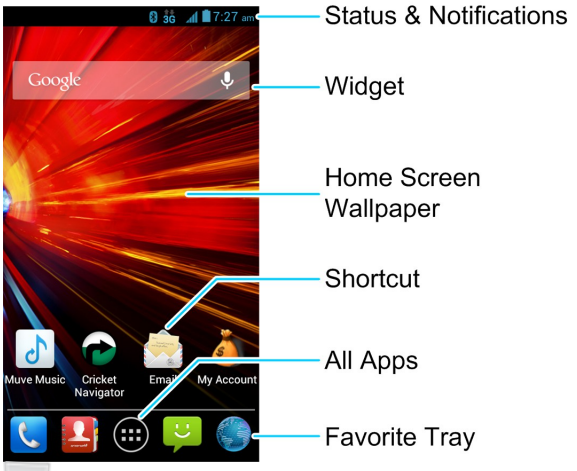
Getting to Know the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. Your home screen extends beyond the initial screen. Swipe the screen left or right to display additional home screen panels.



Tips:

Touch the **Home Key** to return to the home screen panel from any other screen.

To add or remove a home screen panel:

1. Touch the **Home Key** to return to the home screen.
2. Touch the **Menu Key** > **Customization** > **Screen edit**.
3. Touch + to add more extended home screen panels, or touch ⊗ on a panel thumbnail to remove it.

To adjust the order of a home screen panel:

1. Touch the **Home Key** to return to the home screen.

2. Touch the **Menu Key** > **Customization** > **Screen edit**.

3. Touch and hold a thumbnail and drag it to the place you want.

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Personalizing

Changing the System Language

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Language & input** > **Language**.

2. Select the language you need.

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Changing Ringtone and Notification Sounds

Customize the default ringtone for incoming calls and the default notification sound.

1. Touch the **Home Key** > **Menu Key** > **Customization**.

2. Touch **Phone ringtone** or **Notification ringtone**.

3. Scroll through the ringtone list and touch the one you want to use.

4. Touch **OK**.

Tips:

See the chapter *People - Editing Contacts - Set a Ringtone for a Contact* for how to assign a special ringtone to an individual contact.

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Turning On/Off Touch Sounds

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Sound**.

2. Check or uncheck **Touch sounds**.

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Adjusting Volumes

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Sound** > **Volumes**.

2. Drag the sliders to adjust the volume for each type of audio.

3. Touch **OK** to save.

Tips:

You can adjust the media volume when a media application is in use by pressing the **Volume Key**. If no media application is active, press the **Volume Key** to adjust ringtone volume (or the earpiece volume during a call).

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Switching to Silent Mode

You can set the phone to silent mode by using one of the following methods.

- Press and hold the **Power Key** and then touch to enable silent mode, touch to enable silent mode with vibration, or touch to disable silent mode.
- Keep pressing the lower end of the **Volume Key** when no media application is active. When the icon appears on the status bar, the phone is set to silent mode with vibration. When the icon appears on the status bar, the phone is in silent mode.

- Touch the **Home Key** > **Menu Key** > **System settings** > **Sound** > **Silent mode**, and touch **Vibrate** or **Mute**.

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Applying New Wallpapers

You can set the wallpaper for the home screen or lock screen.

1. Touch the **Home Key** > **Menu Key** > **Wallpaper**.
2. Touch **Home** or **Lock screen**.
3. Select a wallpaper source from **Gallery**, **Live Wallpapers**, or **Wallpapers** and choose the image or animation you want to use as the wallpaper. Some cropping may be needed for **Gallery** images.
4. Touch **Done** at the top of the screen (for Gallery images) or **Set wallpaper**.

Notes:

Live Wallpapers are not available for the lock screen.

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Changing Screen Brightness

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Display** > **Brightness**.
2. Check the **Automatic brightness** box to make the phone adjust the screen brightness automatically, or clear the check box to adjust the brightness manually.
3. Touch **OK**.

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Protecting Your Phone with Screen Locks

You can protect your phone by creating a screen lock. When enabled, you need to touch and hold an icon, look at the front camera, draw a pattern, or enter a numeric PIN or a password to unlock the phone's screen and keys.

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Security**.
2. Touch **Screen lock**.
3. Touch **Long press**, **Face Unlock**, **Pattern**, **PIN**, or **Password**.
   - Touch **Long press** to enable screen lock and allow unlocking with a ‘touch and hold' gesture. You can unlock the screen by touching and holding on the display.
   - Touch **Face Unlock** to let the phone capture your face. You can unlock the screen by looking at the front camera. You also need to set a pattern or PIN in case the phone cannot recognize your face.
   - If you touch **Pattern**, you’re guided to create a pattern you must draw to unlock the screen. The first time you do this, a short tutorial about creating an unlock pattern appears. Then you’re prompted to draw and redraw your own pattern.
   - If you touch **PIN** or **Password**, you’re prompted to set a numeric PIN or a password you must enter to unlock your screen.

Caution:

If you forget the pattern you set, try five times and touch **Forgot pattern?** to sign in to the Google Account you have added on the phone and reset the screen lock. You need an active Internet connection. You can also upgrade the phone software. See *Upgrading the Phone Software*.

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Protecting Your Phone With Encryption

You can encrypt all the data on your phone: Google Accounts, application data, music and other media,

downloaded information, and so on. If you do, you must enter a numeric PIN or a password each time you power on your phone.

Warning:

Encryption is irreversible. The only way to revert to an unencrypted phone is to perform a factory data reset which erases all your data.

Encryption provides additional protection in case your phone is stolen and may be required or recommended in some organizations. Consult your system administrator before turning it on. In many cases the PIN or password you set for encryption is controlled by the system administrator.

Before turning on encryption, prepare as follows:

- Set a lock screen PIN or password.
- Charge the battery.
- Keep the phone connected to the charger.
- Schedule an hour or more for the encryption process: You must not interrupt it or you will lose some or all of your data.

When you're ready to turn on encryption:

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Security** > **Encrypt phone**.
2. Read the information about encryption carefully.
3. Touch **Encrypt phone**.

   The **Encrypt phone** button is dimmed if your battery is not charged or your phone is not plugged in.

   If you change your mind about encrypting your phone, touch the **Back Key**.

   Warning:

   Data may be lost if the encryption process is interrupted.
4. Enter your lock screen PIN or password and touch **Next**.
5. Touch **Encrypt phone** again.

The encryption process starts and displays its progress. Encryption can take an hour or more, during which time your phone may restart several times.

When encryption is completed, you're prompted to enter your PIN or password.

Subsequently you must enter your PIN or password each time you power on your phone in order to decrypt it.

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Knowing the Basics

Monitoring the Phone Status

The status bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

Icon	Status
3G 3G 3G 3G	3G mobile data
4G 4G 4G 4G	4G mobile data
	Signal strength
	Bluetooth® on
	Bluetooth® connected
	Wi-Fi® connected
	Wi-Fi® active
	Battery empty (needs to be charged)
	Current battery charge level
	Battery charging

Icon	Status
	Airplane mode
	Alarm set
	Silent mode
	Vibrate mode
	Wired headset connected
TTY	TTY mode on

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Managing Notifications

Notification Icons

The status bar at the top of the home screen provides notification icons on the left. Below are some of the icons you may see.

Icon	Notification
	New text message
	New multimedia message
	New email
	New Gmail
	Upcoming event
	Updates available from the Play Store
	Call in progress
	Missed call
	USB connected
	USB tethering enabled
	Wi-Fi hotspot enabled
	Wi-Fi network found
	GPS on
/	Music playing
	Downloading data
	Sending data
	microSD card removed

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Open/Close the Notification Panel

Notifications report the arrival of new messages, calendar events and alarms, as well as ongoing events, such as when you've configured your phone as a Wi-Fi hotspot. You can open the notification panel to view the details of notifications.

To open the notification panel, swipe your finger down from the top of the screen.

To close the notification panel, swipe your finger up from the bottom of the screen or touch the **Back Key**.

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Respond to or Remove a Notification

In the notification panel, you can respond to a notification or remove the notifications.

- To respond to a notification, just touch it.
- To remove a notification, swipe it left or right.
- To remove all notifications, touch in the top right corner.
- Slide down with one finger to expand certain notifications. You can also swipe two fingers vertically or pinch-zoom to expand or collapse certain notifications.

Tips:

In the notification panel, touch at the top of the notifications list to get to the **Settings** menu quickly.

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Use Quick Settings

The Quick Settings in the notification panel make it convenient to view or change the most common settings for your phone.

Open the notification panel and you can find the following Quick Settings at the top of the screen. Slide left or right to view more of the settings options.

- **Auto Rotate**: Touch to turn on or off the Auto-rotate feature.
- **Wi-Fi**: Touch to turn on or off Wi-Fi.
- **Bluetooth**: Touch to turn on or off Bluetooth.
- **GPS**: Touch to turn on or off the GPS function.
- **Sound**: Touch to switch between vibration and sound.
- **Data**: Touch to enable or disable data access over the mobile network.
- **Sync**: Touch to turn on or off account synchronization.
- **Airplane mode**: Touch to turn on or off the airplane mode.
- **Brightness**: Touch to adjust the screen brightness.

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Managing Shortcuts and Widgets

Add Shortcuts and Widgets

1. Touch the **Home Key** > .
2. Touch **Widgets** if you want to add a widget to the home screen.
3. Touch and hold a widget or an application icon. Then drag it to the position you want in the home screen and release it.

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Move/Remove Shortcuts or Widgets

Touch and hold the item you want to move or remove from the home screen.

- To move the item, drag it to a new area and release it.
- To remove the item, drag it to at the top of the screen and release it.

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Adjust Widget Size

1. Touch and hold a widget on the home screen and then release it. An outline appears around the widget.
2. Drag the outline to resize the widget.

Notes:

Not all widgets can be resized.

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Organizing With Folders

You can create folders on the home screen and add several shortcuts to a folder.

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Create a Folder

1. Touch and hold the shortcut on the home screen you want to add into a folder until appears.

2. Drag the shortcut to and release it. A new folder will be created and the shortcut is added into the folder.

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Rename a Folder

1. Touch a folder to open it.
2. Touch the folder name field and enter a new name.

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Add Shortcuts to a Folder

1. Touch and hold a shortcut and then drag it onto a folder icon.
2. Release the shortcut and it is added into the folder.

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Remove Shortcuts From a Folder

1. Touch a folder to open it.
2. Touch and hold the shortcut you want to remove and then drag it to the home screen.
3. Release the shortcut and it is removed from the folder.

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Rearranging the Favorites Tray

The home screen includes a customizable favorites tray at the bottom visible from all home screen panels. You can drag apps, shortcuts and folders in or out of the favorites tray for instant access from any home screen.

To remove items from the favorites tray:

Touch and hold an item in the favorites tray and drag it out of the tray.

To add items to the favorites tray:

Touch and hold an item on the home screen and drag it into the favorites tray.

If the favorites tray is full, you need to first remove an item from the tray.

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Entering Text

You can enter text using the onscreen keyboard. Some apps open it automatically. In others, you can open it by touching where you want to type. Touch the **Back Key** to hide the onscreen keyboard.

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Change Input Methods

If you have several input methods installed, the icon appears on the status bar whenever you use the onscreen keyboard to enter text.

1. Open the notification panel and touch **Choose input method**.
2. Select an input method you need.

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Swype

The Swype™ keyboard lets you enter words by drawing a path from letter to letter in one continuous motion. When you lift your finger after the last letter of a word, a space is automatically added.

- Touch the alphabetic keys to enter letters. Touch and hold a key to enter the number or symbol located at the top of the key. Continue holding the key to bring up a series of characters available on that key, including associated accented letters, symbols or numbers.

  For example, in English mode, touch and hold T to enter **5**. Keep holding T to open a character and number list. You can select to enter **T**, ^, **þ**, or **5**.

- Touch to use uppercase or lowercase. This key also indicates the current case: for lowercase, for uppercase, and when locked in uppercase.

- Touch EN to enter a space. Touch and hold this key to open a pop-up menu for language selection.

- Touch +!= to select numbers and symbols. Touch to find more symbols. Touch ABC to go back to enter letters.

- Touch and hold +!= to open a simple keyboard and you can enter numbers and certain symbols.

- Touch and hold ABC to open an editing panel to select, cut, copy or paste the text.

- Touch :-) to enter a smile icon. Hold :-) to open an emoticon list.

- Touch to delete a character before the cursor. Touch and hold to delete all characters before the cursor.

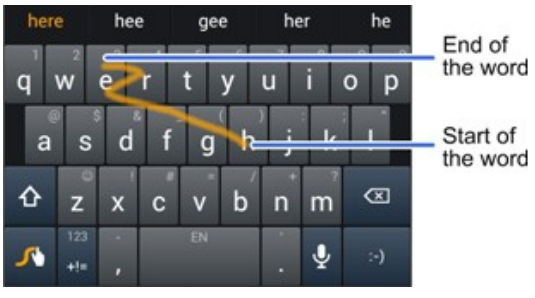
- Touch to use voice input.

- Touch and hold to open the Swype settings.

To enter text via Swype:

Move your finger from letter to letter to trace a word without lifting the finger until you reach the end of the word.

The following example shows how to enter the word “here”. Put your finger on “h”, and without lifting, slide it to “e”, and then to “r”, and back to “e”. When complete, lift your finger off of the screen and the matched word is displayed.



Tips for using Swype Text Input:

- To enter double letters, scribble slightly or make a loop on the letter. For example, to get the "ll" in "hello", scribble (or make a loop) on the "l" key.

• Lift your finger at the end of the word. A space is added automatically when you “Swype” the next word.

For more information about using Swype and its additional capabilities, including using voice entry and personalizing your Swype dictionary, touch and hold from the Swype keyboard display and then touch **How to Swype**. You can also visit *swype.com* for more information.

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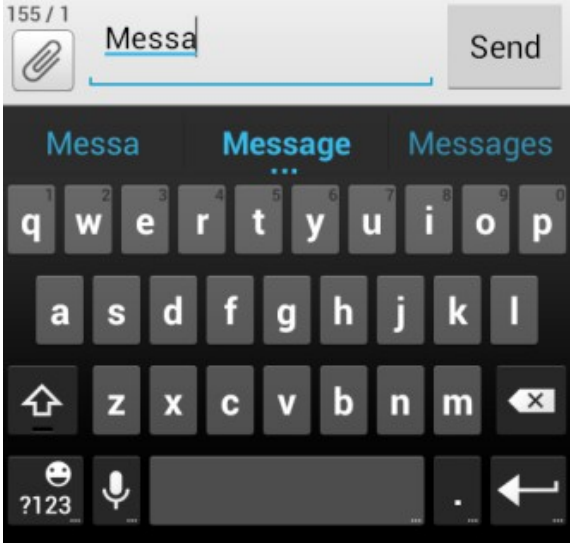
Android Keyboard

The Android Keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change to a larger layout as the phone switches to the landscape display.



• Touch the alphabetic keys to enter letters. Touch and hold some specific keys to enter associated accented letters or numbers. For example, to enter È, touch and hold . As the available accented letters and number 3 appear, slide your finger to choose **È** and release.

• Touch to use uppercase. Double-tap to lock uppercase. This key also changes to indicate the current case you are using: for lowercase, for uppercase, and when locked in uppercase.

• Touch to delete the text before the cursor.

• Touch to select numbers and symbols. You can then touch to find more.

• Touch to use Google's networked voice input.

• Touch and hold to change the input languages or set up the Android keyboard.

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Google Voice Typing

Google Voice typing uses the Google voice recognition service to convert speech to text. You must have a data connection on a mobile or Wi-Fi network to use it.

1. Flick down the status bar when entering text and touch **Choose input method**, and then select **Google voice typing**.

   Or touch to access the voice typing when you are using the Android Keyboard.

2. When you see the microphone image, speak what you want to type.

3. You can continue entering text to keep it or to delete it.

Tips:

Say "comma," "period," "question mark," "exclamation mark," or "exclamation point" to enter punctuation.

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Input Settings

Choose the input settings by touching the **Menu Key** > **System settings** > **Language & input** from the home screen.

In the **KEYBOARD & INPUT METHODS** section, you can set the default input method and choose the settings for input methods.

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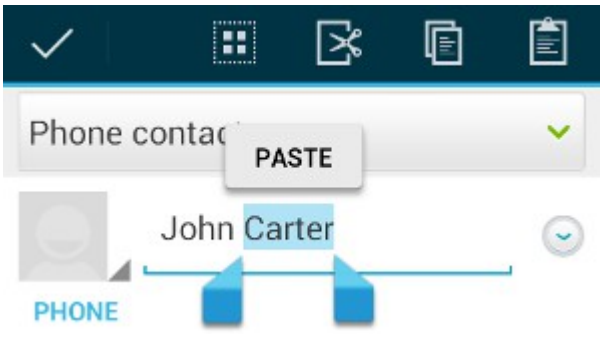
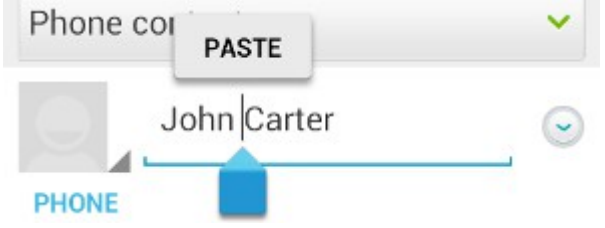
Editing Text

- **Move the insertion point:** Touch the text field. A tab appears below the cursor. Drag the tab to move the cursor.
- **Select text:** Touch and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection.
- **Cut or copy:** Select the text you want to manipulate. Then touch the Cut or Copy button to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then touch or **PASTE**.



- **Insert text from the clipboard:** Move cursor to the insertion point and then touch and hold the tab below the cursor. Release the finger and touch **PASTE**.



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Opening and Switching Apps

Open an App

1. Touch the **Home Key** > .
2. Slide left or right on the screen and touch an app to open it.

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Switch Between Recently Opened Apps

1. Touch and hold the **Home Key**.

A list of the names and thumbnails of apps you've used recently opens. If you've been using more apps recently than can fit on the screen, you can scroll the list up and down.

2. Touch a thumbnail to open that app.

   You can swipe a thumbnail sideways to remove it from the list.

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Connecting to Networks and Devices

Connecting to Mobile Networks

Control Mobile Data Use

Turn on or off mobile data as you see fit.

To enable or disable data access:

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Mobile networks**.
2. Check **Data enabled** to enable data access over the mobile network. Clear the check box to disable data access.

To enable or disable always-on data access:

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Mobile networks**.
2. Check **Always-on mobile data** to allow applications to update data automatically. Uncheck to stop automatic data updating.

Caution:

When you enable this option, more data traffic will be generated for automatic updates of applications data and your phone will consume more power.

To get data services when roaming:

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Mobile networks**.
2. Check **Data roaming**.

Caution:

Data roaming may incur significant roaming charges.

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Select Permitted Roaming Systems

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Mobile networks**.
2. Touch **System select** and choose whether to restrict roaming to Cricket systems only.

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Connecting to Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's Wi-Fi, you need access to a wireless access point or "hotspot."

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

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Turn Wi-Fi On and Get Connected

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.

2. Slide the **Wi-Fi** switch to the **ON** position to turn on Wi-Fi.

3. Touch a network name to connect to it.

   If the network is secured, enter the password and touch **Connect**.

Notes:

Your phone automatically connects to previously used Wi-Fi networks when they are in range.

Tips:

To connect to a Wi-Fi router that supports WPS, touch on the phone's Wi-Fi menu and press the WPS button on your router.

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Get Notified of Open Networks

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.

2. Slide the **Wi-Fi** switch to the **ON** position.

3. Touch the **Menu Key** > **Advanced**.

4. Check **Network notification**.

   When Wi-Fi is on, you receive notifications in the Status bar when your phone detects an open Wi-Fi network. Uncheck the option to turn off notifications.

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Add a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID) or add a Wi-Fi network when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.

2. Slide the **Wi-Fi** switch to the **ON** position.

3. Touch .

4. Enter the network SSID (name). If necessary, enter security or other network configuration details.

5. Touch **Save**.

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Forget a Wi-Fi Network

You can make your phone forget about the details of a Wi-Fi network that you added - for example, if you don’t want the phone to connect to it automatically or if it is a network that you no longer use.

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.

2. Slide the **Wi-Fi** switch to the **ON** position.

3. Touch the Wi-Fi network name and then touch **Forget**.

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Adjust Advanced Wi-Fi Settings

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.

2. Touch the **Menu Key** > **Advanced** to adjust the following settings.

   - **Network notification:** Get notifications in the status bar when Wi-Fi is on and an open network is available.

- **Keep Wi-Fi on during sleep:** Set whether to keep Wi-Fi on in sleep mode.
- **MAC address:** Check the MAC address.
- **IP address:** Check the phone's IP address.

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Using Wi-Fi Direct

Wi-Fi Direct allows Wi-Fi devices to connect to each other without the need for wireless access points (hotspots).

Notes:

Activating this feature will disconnect your current Wi-Fi network connection.

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Connect to Another Device via Wi-Fi Direct

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.
2. If Wi-Fi is off, slide the **Wi-Fi** switch to the **ON** position.
3. Touch the **Menu Key** > **Wi-Fi Direct**. Your phone will search for other devices enabled with Wi-Fi direct connections.
4. Touch a device name under PEER DEVICES to connect with it.

   The other device will receive a Wi-Fi Direct connection prompt and need to accept the request for connection. Both devices may need to enter a common PIN.
5. Once connected the device is displayed as "Connected".

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Send Data via Wi-Fi

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Wi-Fi. The method may vary by application and data type.
3. Touch a device the phone has connected with or wait for it to search for new devices and touch one of them.

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Receive Data via Wi-Fi

When an attempt to transfer data via Wi-Fi is received, you can see a notification in the status bar.

Touch **Accept** to start receiving the data.

Received files are stored automatically in a dedicated folder (*WiFiShare*, for instance). You can access them with the **File Manager** app.

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Connecting to Bluetooth Devices

Bluetooth® is a short-range wireless communication technology. Phones or other devices with Bluetooth capabilities can exchange information wirelessly within a distance of about 10 meters. The Bluetooth devices must be paired before the communication is performed.

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Turn Bluetooth On/Off

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** or **OFF** position.

When Bluetooth is on, the icon will appear in the status bar.

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Change the Device Name

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** position if Bluetooth is off.
3. Touch the **Menu Key** > **Rename phone**.
4. Edit the name and touch **Rename**.

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Pair With Another Bluetooth Device

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** position if Bluetooth is off.

   Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range. You could touch **SEARCH FOR DEVICES** if you want to scan again.
3. Touch the device you want to pair with.
4. Confirm that the Bluetooth passkeys are the same between the two devices and touch **Pair**. Alternately, enter a Bluetooth passkey and touch **Pair**.

   Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.

NOTE Notes:

The Bluetooth passkey may be fixed for certain devices such as headsets and handsfree car kits. You can try entering 0000 or 1234 (the most common passkeys) or refer to the documents for that device.

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Send Data via Bluetooth

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Bluetooth. The method may vary by application and data type.
3. Touch a Bluetooth device the phone has paired with or wait for it to search for new devices and touch one of them.

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Receive Data via Bluetooth

Turn Bluetooth on before trying to receive data via Bluetooth.

NOTE Notes:

If the phone has not been paired with the sending device, you may need to touch **Bluetooth** > [your phone's name] in **Settings** to keep the phone detectable through Bluetooth.

1. Flick down the status bar and touch .
2. Touch **Accept** to start receiving the data.

Received files are stored automatically in a dedicated folder (*Bluetooth*, for instance). You can access them with the **File Manager** app. Received contacts (vCard files) are automatically imported to your contact list.

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Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in internal storage or on a removable microSD card.

If you are using USB tethering, you must turn that off before you can use USB to transfer files between your phone and computer.

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Connect Your Phone to a Computer via USB

1. Connect your phone to the PC with a USB cable.
2. Open the Notification panel and touch .
3. Choose one of the following options.
   - **Charge only:** Charge your phone via USB.
   - **Media device (MTP):** Transfer media files on Windows or Mac.
   - **Camera (PTP):** Transfer photos using camera software.
   - **USB tethering:** Share the mobile data of your phone with the PC so that you can access the internet on the PC using the phone.
   - **Install driver:** Install the driver needed for some USB connection modes (such as MTP).

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Connect With Windows Media Player

You can sync media files on your phone and the computer installed with Windows Media Player.

1. Connect the phone with your computer via USB and choose **Media device (MTP)**.
2. Open Windows Media Player and synchronize music files.

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Disconnect Your Phone From the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

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Remove the microSD Card From Your Phone

If you need to remove the microSD card while the phone is on, you should unmount it first.

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Storage**.
2. Scroll down and touch **Unmount SD card** > **OK**.
3. When the **Unmount SD card** option changes to **Mount SD card**, you can safely remove the card from the phone.

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Erase the microSD Card

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Storage**.
2. Touch **Erase SD card** > **Erase SD card** > **Erase everything**.

Caution:

The formatting procedure erases all the data on the microSD card, after which the files **CANNOT** be retrieved.

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Sharing Your Mobile Data Connection

You can share your phone's data capabilities through tethering or by activating the mobile hotspot feature to create a portable Wi-Fi hotspot.

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Share Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB tethering feature of your phone. The feature needs data connection on a mobile network and may result in data charges.

Notes:

If your phone has a microSD card or internal storage, you can't mount it on your computer while USB tethered.

1. Connect your phone to your computer with a USB cable.
2. Touch the **Home Key** > **Menu Key** > **System settings** > **More**.
3. Check **USB tethering**. A new network connection will be created on your computer.

To stop sharing your data connection, uncheck **USB tethering** or disconnect the USB cable.

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Share Your Mobile Data Connection via Bluetooth

If your computer can obtain an Internet connection via Bluetooth, you can configure your phone to share its mobile data connection with your computer.

1. Pair your phone with your computer via Bluetooth.
2. Configure your computer to obtain its network connection via Bluetooth. For more information, please see your computer's documentation.
3. Touch the **Home Key** > **Menu Key** > **System settings** > **More**.
4. Check **Bluetooth tethering**. Your computer is now sharing your phone's data connection.

To stop sharing your data connection, uncheck **Bluetooth tethering**.

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Share Your Mobile Data Connection as a Wi-Fi Hotspot

You can share your phone's data connection with other devices by turning your phone into a portable Wi-Fi hotspot. The feature needs data connection on a mobile network and may result in data charges.

Notes:

When the portable Wi-Fi hotspot feature is enabled, you cannot use your phone's applications to access the Internet via its Wi-Fi connection. You still remain connected to the Internet via your mobile data network.

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Portable hotspot**.
2. Slide the ON/OFF switch to turn the feature on.

   After a moment, the phone starts broadcasting its Wi-Fi network name (SSID).
3. On another device, locate your phone via Wi-Fi and connect with it to start using the phone's mobile data.

To stop sharing your data connection, slide the switch to turn **Wi-Fi hotspot** off.

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Rename or Secure Your Wi-Fi Hotspot

You can change the name of your phone's Wi-Fi network name (SSID) and secure your portable Wi-Fi

hotspot.

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Portable hotspot** > **Configure**.
2. Set your name and security options as follows.
   - **Network SSID:** Enter or edit a network SSID (name) that other devices see when scanning for Wi-Fi networks.
   - **Type:** Broadcast or hide your network SSID. If the broadcast is disabled, other users need to get your network SSID to find the Wi-Fi hotspot.
   - **Security:** Choose a security option: **Open** (not recommended), **WPA PSK** or **WPA2 PSK** (other users can access your mobile hotspot only if they enter the correct password). When you select **WPA PSK** or **WPA2 PSK**, touch the Password field to edit the security password.
3. Touch **Save** to save your settings.

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Connecting to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not on campus, or when connected to a wireless network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

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Add a VPN

1. Touch the **Home Key** > **Menu Key** > **System settings** > **More** > **VPN**.

   Notes:

   If you have not set a pattern, PIN, or password for your phone, you're prompted to set one up.
2. Touch **Add VPN profile** and fill in the information provided by your network administrator.
3. Touch **Save**.

The VPN is added to the list on the VPN screen.

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Connect to a VPN

1. Touch the **Home Key** > **Menu Key** > **System settings** > **More** > **VPN**.
2. Touch the VPN that you want to connect to.
3. When prompted, enter any requested credentials, and then touch **Connect**.

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Modify a VPN

1. Touch the **Home Key** > **Menu Key** > **System settings** > **More** > **VPN**.
2. Touch and hold the VPN that you want to modify.
3. Touch **Edit profile** and edit the VPN settings you want.
4. Touch **Save**.

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Delete a VPN

1. Touch the **Home Key** > **Menu Key** > **System settings** > **More** > **VPN**.

2. Touch and hold the VPN that you want to delete.

3. Touch **Delete profile**.

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Phone Calls

You can place calls from the Phone app, the People app, or other apps or widgets that display contact information. Wherever you see a phone number, you can usually touch it to dial.

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Placing and Ending Calls

Place a Call by Dialing

1. Touch the **Home Key** > .

2. In the Phone tab, enter the phone number with the on-screen keypad. Touch to delete incorrect digits.

   Notes:

   As you enter digits, your phone searches for contacts that match. If you see the number you want to dial, touch it to place the call immediately without entering the rest of the number.

3. Touch below the keypad to place the call.

Tips:

To make an international call, touch and hold the 0 key to enter the plus (+) symbol. Next, enter the country code, followed by the city/area code and then the phone number.

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End a Call

During a call, touch on the screen to end the call.

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Answering or Rejecting Calls

When you receive a phone call, the Incoming Call screen opens, displaying the Caller ID or the information about the caller that you've entered in People. You can answer or reject the call, or reject it with a text message.

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Answer a Call

When you receive a phone call, drag over to answer the call.

Notes:

To silence the ringer before answering the call, press the **Volume Key**.

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Reject a Call

When you receive a phone call, drag over to reject the call.

You can also drag over to reject the call and send a preset text message to the caller.

Tips:

To edit the text response from within the Phone app, touch the **Menu Key** > **Settings** > **Quick responses**.

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Working With the Call Log

The Call log is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your Contacts.

To open the call log, you can touch the **Home Key** > > **Call Log** or touch the **Call Log** tab in the Phone app.

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Place a Call From the Call Log

1. Open the call log.
2. Touch beside a number to call it.

   For additional options, touch the name or number.

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Add a Call Log Number as a Contact

1. Open the call log.
2. Touch a number to view more call information.
3. Touch **Save** and select **New contact** or **Add to existing**.

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Take Other Actions on a Call Log Entry

1. Open the call log.
2. Touch a number to view more call information. While viewing the call details, you can do the following.
   - Touch to call it.
   - Touch to send a message to the number.
   - Touch to edit the number in the dialer before calling it or copy the number to the clipboard.
   - Touch to delete all call logs of this number.
   - If the number belongs to a contact you have, touch **View** to view contact details.

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Delete the Call Log

1. Open the call log.
2. Touch the **Menu Key** > **Multi-Select**.
3. Touch the call log items you want to delete and then touch > **Delete** to delete the call logs.

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Calling Your Contacts

1. Touch the **Home Key** > and then touch the Contacts tab or the Favorites tab .
2. Flick the screen up or down to view all your contacts.

In the Contacts tab, you can search for a contact by touching .

3. Touch a contact to see its details and then touch below the number you want to call.

In the Contacts tab, you can also touch next to the contact to place a call. If the contact has several numbers, touch the one you need.

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Checking Voicemail

If you have set the phone to divert calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here's how to check the messages they left.

1. Touch the **Home Key** > .

2. Touch and hold in the dialer. If prompted, enter your voicemail password.

3. Follow the voice prompts to listen to and manage your voicemail messages.

Notes:

To set your voicemail service, touch the **Menu Key** > **Settings** > **Voicemail** in the dialer and touch the voicemail settings you want to change. For detailed information, please contact the service provider.

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Using Options During a Call

During a call, you will see a number of onscreen options. Touch an option to select it.

- Touch **Speaker** to turn on or off the speakerphone.
- Touch **Mute** to mute or unmute your microphone.
- Touch **Dialpad** to switch to the dialer, for example to enter a code.
- Touch **Add call** to make another call separately from the first call, which is put on hold.
- Touch the **Menu Key** to switch to another call in progress, record phone conversation, or open the **People** app.

Warning:

Because of higher volume levels, do not place the phone near your ear during speakerphone use.

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Managing Multi-party Calls

When the call waiting and three-way call features are available, you can switch between two calls or set up a conference call.

Notes:

The call waiting and three-way call features need network support and may result in additional charges. Please contact your service provider for more information.

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Switch Between Current Calls

When you're on a call, your phone screen informs you that another call is coming in and displays the caller ID. Drag over to answer the call. This puts the first caller on hold and answers the second call.

To switch between the two calls, touch **FLASH** or the **Menu Key** > **Swap**.

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Set Up a Conference Call

With this feature, you can talk to two people at the same time.

1. On the dialer screen, enter a number and touch .
2. Once you have established the connection, touch **Add call** and dial the second number. This puts the first caller on hold and dials the second number.)
3. When you're connected to the second party, touch **Merge calls**.

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

To end the conference call, touch .

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Adjusting Call Settings

Edit Quick Response to Rejected Callers

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Quick responses**.
2. Touch the text message to edit it.

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Set Voicemail

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Voicemail**.
2. Touch one of the following options you want to set up.
   - Touch **Service** to select the voicemail service provider. Your carrier is the default.
   - Touch **Setup** > **Voicemail number** to edit the voicemail number.
   - Touch **Ringtone** to set the notification sound for new voicemails.
   - Touch **Vibrate** to set the condition for vibration.

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Check Call Time and Data Use

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Call Timers**.
2. Touch a record to reset it to zero. You cannot reset **Lifetime Calls** or **Lifetime Data**.

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Use Auto-answer to Free Your Hands

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Auto-answer**.
2. Touch the time before the phone answers the call or turn the feature off.

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Set TTY Mode

Your phone is a TTY compatible device. A TTY device can allow people who have hearing or speech disabilities to communicate by telephone. Simply connect the TTY device to the phone's headset jack.

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **TTY mode**.
2. Select one of the following options.

- **TTY Off:** Users who can hear and talk can disable TTY support.
- **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through a TTY device.
- **TTY HCO:** Users who can hear, but cannot talk, may use this mode to listen to conversation of the other party and respond via text messages.
- **TTY VCO:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.

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Set DTMF Tones

You can set the length of Dual-tone multi-frequency (DTMF) signal tones.

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **DTMF tones**.
2. Touch **Normal** or **Long**.

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Set Speed Dials

You can touch and hold the 1 ~ 9 keys from the dialer to call the corresponding speed dial number.

The number key 1 is reserved to speed dial your voicemail.

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Speed dial**.
2. Touch a speed dial key.
3. Enter a phone number or select one from the contact list.
4. Touch **OK**.

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Enhance Privacy

You can enable privacy mode for phone calls. Please contact your service provider to find out whether the Voice Privacy feature is available.

Touch the **Home Key** > > **Menu Key** > **Settings** > **Additional settings** > **Voice privacy**.

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Set Plus Code Dialing Number

You can set the plus code replacement for international calls. Please contact your service provider to find out whether the Plus Code feature is available.

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Additional settings** > **Plus Code Dialing Setting**.
2. Check **Setup Plus Code Replacement** to enable plus code replacement.
3. Touch **Replace Code of Plus Code** to set the international dialing code.

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Add an Internet Call Account

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Accounts**.
2. Touch **Add account**.
3. Follow the instructions from your Internet calling service provider to configure the settings for your account.

4. Touch the **Menu Key** > **Save**.

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Select Calls for Internet Calling

You can configure your phone to place all calls using Internet calling, just calls to Internet calling addresses, or to ask each time you place a call.

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Use Internet calling**.
2. Touch the Internet calling option you want.

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Enable Internet Call Reception

By default, your phone is configured to make Internet calls but not to ensure that you will receive them. However, you can configure your phone to listen for Internet calls made to an Internet calling account you have added to your phone.

1. Touch the **Home Key** > > **Menu Key** > **Settings** > **Accounts**.
2. Check the **Receive incoming calls** check box.

Notes:

This feature will reduce your battery life between charges.

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People

You can put contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

To see your contacts, touch the **Home Key** > . From there, you can touch the tabs on the top of the screen to quickly switch to Phone, Call Log, or favorite contacts.

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Checking Contact Details

1. Touch the **Home Key** > and touch the all contacts tab to access your contact list.
2. Scroll through the list to view all your contacts.
3. Touch a contact to view its details.

Tips:

Contact names are displayed in alphabetical order. If you have a lot of contacts stored, drag the slider on the right side of the screen to go directly to the initial you want.

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Adding a New Contact

1. Touch the **Home Key** > and touch the all contacts tab .
2. Touch to add a new contact.
3. Touch the account field near the top of the screen to choose where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Enter the contact name, phone numbers, email addresses and other information.

5. Touch **Done** to save the contact.

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Setting Up Your Own Profile

You can create your own name card in your phone.

1. Touch the **Home Key** > and touch the all contacts tab .
2. Touch **Set up my profile** or your name, whichever is at the top of the contact list.
3. Edit your profile information and touch **Done**.

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Importing and Exporting Contacts

You can import/export contacts from/to your UICC card, the microSD card or internal phone storage. This is especially useful when you need to transfer contacts between different devices.

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Import Contacts

1. Touch the **Home Key** > .
2. Touch the **Menu Key** > **Import/export** > **Import from SIM card** / **Import from phone storage** / **Import from SD card**.
3. Select an account for imported contacts. If you have more than one vCard file, select the vCard file(s) and touch **OK**.

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Export Contacts

1. Touch the **Home Key** > .
2. Touch the **Menu Key** > **Import/export** > **Export to SIM card** / **Export to phone storage** / **Export to SD card**.
   - When exporting to the UICC card, touch the contacts you want and select **Export**.
   - When exporting to the SD card or phone storage, the phone will prompt you with the name of the vCard file. Touch **OK** to start exporting.

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Sharing Contacts

You can also quickly share your contacts using Bluetooth, Email, Messages, etc.

1. Touch the **Home Key** > and touch the Contacts tab .
2. Touch the **Menu Key** > **Multi-Select**.
3. Touch the contacts you want to share to select them and then touch .
4. Choose how to share the contacts. Options depend on the applications and services installed.

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Working With Favorite Contacts

In the favorite contacts tab, you can find your favorite contacts and frequently contacted contacts.

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Add a Contact to Favorites

You can add the contacts you use frequently to Favorites so that you can find them quickly.

1. Touch the **Home Key** > and touch the all contacts tab .
2. Touch a contact and then touch next to the contact name.

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Remove a Contact From Favorites

1. Touch the **Home Key** > and touch the favorite contacts tab .
2. Touch a favorite contact and then touch .

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Working With Groups

View Contact Groups

1. Touch the **Home Key** > and touch the contact groups icon .
2. Scroll through the list to view the preset groups and the groups you create.
3. Touch a group to view its members.

Tips:

To send messages to the group members, you can touch next to the group and select message recipients from the listed group members.

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Set Up a New Group

1. Touch the **Home Key** > and touch the contact groups icon .
2. Touch to create a new group.
3. Touch the drop down listbox near the top of the screen, that will be there if you have added accounts to the phone, to choose an account for the group.
4. Enter a group name and touch **Done**.
5. Touch and select the contacts you wish to be the group members.
6. Touch .

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Delete a Group

1. Touch the **Home Key** > and touch the contact groups icon .
2. Touch a group and then touch the **Menu Key** > **Disband group**.
3. Touch **OK** to disband the group. The contacts in the group will not be deleted.

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Edit a Group

1. Touch the **Home Key** > and touch the contact groups icon .

2. Touch a group and then touch the **Menu Key**.

3. Touch **Rename group** to edit the group name. Or touch **Multi-Select** to select the members you don't need and remove them.

Notes:

Preset groups cannot be renamed.

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Searching for a Contact

1. Touch the **Home Key** > .

2. Touch at the bottom of the screen.

3. Input the contact name you want to search for. The contacts matched will be listed.

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Editing Contacts

Edit Contact Details

1. Touch the **Home Key** > .

2. Touch a contact you need to edit and then touch .

3. Edit the contact and touch **Done**.

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Set a Ringtone for a Contact

Assign a special ringtone to a contact, so you know who is calling when you hear the ringtone.

Notes:

The contact must be saved on the phone to have a special ringtone.

1. Touch the **Home Key** > .

2. Touch a contact you want to set a ringtone for and then touch .

3. Touch the field under **RINGTONE**. Then select a ringtone you like and touch **OK** > **Done**.

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Delete a Contact

1. Touch the **Home Key** > .

2. Touch a contact you want to delete and touch the **Menu Key** > **Delete**.

3. Touch **OK** to confirm.

To delete several contacts, you can:

1. Touch the **Menu Key** > **Multi-Select** in the contacts list.

2. Touch to select the contacts you want to remove and then touch .

3. Touch **OK** to confirm.

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Join Contacts

Your phone can synchronize with multiple accounts containing your contact information (such as Google and Microsoft Exchange ActiveSync). When you synchronize your phone with those accounts, there might be duplicate entries for the same contact.

You can merge all the separate information of a contact into one entry in the Contacts list.

1. Touch the **Home Key** > .
2. Touch a contact entry to display the contact's details. This is the contact you will see in the Contacts list after merging.
3. Touch the **Menu Key** > **Join Contact**. The phone will list the suggested contacts to join.
4. Touch the contact whose information you want to join with the first entry.

   The information from the second contact is added to the first contact, and the second contact is no longer displayed in the Contacts list.

You can repeat these steps to join another contact to the main contact.

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Separate a Joint Contact

If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.

1. Touch the **Home Key** > .
2. Touch a contact entry you have merged and want to separate.
3. Touch the **Menu Key** > **Separate Contact**.
4. Touch **OK** to confirm.

The contact information is separated into individual contacts in the list of contacts.

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Accounts

Adding or Removing Accounts

You can add multiple Google accounts and Microsoft Exchange ActiveSync accounts. You may also add other kinds of accounts depending on the apps installed on your phone.

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Add an Account

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Add account**.
2. Touch the type of account you want to add.
3. Follow the onscreen steps to enter the information about the account. Most accounts require a username and password but the details may vary. You may also need to obtain some information from IT support or system administrator.
4. Types of the accounts that have been successfully added are displayed above **Add account** in **Settings**.

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Remove an Account

Removing an account will delete it and all information associated with it from your phone, such as emails and contacts.

1. Touch the **Home Key** > **Menu Key** > **System settings**.

2. Touch the account type and then the account.
3. Touch the **Menu Key** > **Remove account** > **Remove account**.

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Configuring Account Sync

Configure Auto Sync Setting

1. Touch the **Home Key** > **Menu Key** > **System settings** > **Data usage**.
2. Touch the **Menu Key** and check or uncheck **Auto-sync data**.
   - When automatic sync is turned on, changes you make to information on your phone or on the web are automatically synced with each other.
   - When auto sync is turned off, you need to sync manually to collect emails, updates, or other recent information.

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Sync Manually

1. Touch the **Home Key** > **Menu Key** > **System settings**.
2. Touch the account type in the ACCOUNTS section and then the account you want to sync.
3. Touch the **Menu Key** > **Sync now**.

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Change an Account's Sync Settings

1. Touch the **Home Key** > **Menu Key** > **System settings**.
2. Touch the account type in the ACCOUNTS section and then the account. The Sync screen appears, showing a list of information the account can sync.
3. When auto-sync is turned on, check or uncheck items as you need. Checked types of information on the phone and the web will be kept in auto-sync.

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Email

Use the Email application to send and receive email from your webmail or other accounts, using POP3 or IMAP, or access your Exchange ActiveSync account for your corporate email needs.

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Setting Up the First Email Account

You can add several types of personal email accounts, such as POP3 and IMAP accounts, to your phone.

1. Touch the **Home Key** > > **Email**.
2. When you open **Email** for the first time, enter your email address and password.

   Notes:

   If you have already added email accounts, see *Email – Adding and Editing Email Accounts* for how to add more accounts.
3. Touch **Next** to let the phone retrieve the network parameters automatically.

   Notes:

   You can also enter these details manually by touching **Manual setup** or when automatic setup fails.
4. Follow the on-screen instructions to finish the setup.

Your phone will show the inbox of the email account and start to download email messages.

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Checking Your Emails

Your phone can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by touching in any of the email account's boxes. Touch **Load more messages** at the bottom of the email list to download earlier messages.

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Responding to an Email

You can reply to or forward a message that you receive. You can also delete messages and manage them in other ways.

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Reply to or Forward an Email

1. Open the email you want to reply to or forward from the Inbox.
2. Do the following depending on your need.
   - To reply to the sender, touch .
   - To reply to the sender and all recipients of the original email, touch .
   - To forward the mail to someone else, touch .
3. Edit your message and touch .

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Mark an Email as Unread

You can return a read email to the unread state - for example, to remind yourself to read it again later. You can also mark a batch of emails as unread.

While reading a message, touch the **Menu Key** > **Mark as unread**.

- or -

While in a message list (for instance, the Inbox), touch the checkboxes before the messages and then touch .

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Delete an Email

You can delete an email from its folder. You can also delete a batch of emails.

While reading a message, touch > **OK**.

- or -

While in a message list (for instance, the Inbox), touch the checkboxes before the messages and then touch > **OK**.

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Writing and Sending an Email

1. Open your email Inbox and touch .
2. Enter a contact name or email address in the 'To' field. Separate each recipient with a comma. You can also touch to select recipients from your contacts, contact groups, or email history.

Notes:

If you have more than one email account added on the phone, touch the sender line to select the account you want to use for sending the message.

Notes:

Touch the **Menu Key** > **Add Cc/Bcc** to send a carbon copy or blind carbon copy to other recipients.

3. Enter the email subject and compose the email text.
4. Touch the **Menu Key** > **Attach file** to add audio files, images, videos and other types of files as attachments.
5. Touch at the top right of the screen to send the message.

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Adding a Signature to Your Emails

You can set a few lines of plain text as signature for every outgoing email message from an account, such as your name and contact information.

1. Open the **Email** app.
2. Touch the **Menu Key** > **Settings** and select the account you want to add a signature to.
3. Touch **Signature** and enter the text.
4. Touch **OK**.

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Adding and Editing Email Accounts

Add an Email Account

After setting up your first email account (see *Email – Setting Up the First Email Account*), you can add more email accounts and manage them separately.

1. Open **Email** to get the Inbox screen.
2. Touch the **Menu Key** > **Settings** and touch **ADD ACCOUNT** at the top right of the screen.
3. Follow the prompts to set up the account as you did with the first one.

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Edit an Email Account

You can change a number of settings for an account, including how often you check for email, how you're notified of new mails and details about the servers the account uses to send and receive mails.

1. Open **Email** to get the Inbox screen.
2. Touch the **Menu Key** > **Settings** and touch the account whose settings you want to change.
3. Make the changes you want and touch the **Back Key** when you're finished.

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Remove an Email Account

1. Open **Email** to get the Inbox screen.
2. Touch the **Menu Key** > **Settings** and touch the account you want to remove.
3. Touch **Remove account** at the bottom of the screen and then touch **OK**.

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Changing General Email Settings

General settings apply to all email accounts you add.

1. Open **Email** to get the Inbox screen.
2. Touch the **Menu Key** > **Settings** > **General**.
3. Make the changes you want and touch the **Back Key** when you're finished.

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Gmail™

After you sign in to your Google account on the phone, you can send and retrieve Gmail messages with the **Gmail** app.

Notes:

This feature may not be available in certain regions or with certain service providers.

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Opening Gmail Inbox

Touch in the home screen and select **Gmail**. The Inbox screen appears.

If you haven't signed in, you will be prompted to do so or create a new account.

Touch the **Menu Key > Refresh** to refresh your Inbox and download new messages.

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Switching Accounts

Gmail displays conversations, messages, and settings from one Google Account at a time. If you have signed in to more than one Google Account on your phone, you can switch accounts and view information in each account.

1. From your Inbox, touch the Gmail icon above the message list.
2. In the menu that opens, touch the account you want to see. The account's Inbox opens.

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Writing and Sending a Message (Gmail)

1. Open your Gmail Inbox. If you have added more than one Google Account, switch to the account you want to use for sending the message.
2. Touch .
3. Enter a contact name or email address in the 'To' field. Separate each recipient with a comma.
4. Enter the email subject and compose the email text.
5. To attach an image or a video, touch the **Menu Key** > **Attach picture** / **Attach video**.
6. Touch at the top right of the screen to send the message.

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Adding a Signature to Your Gmail Messages

You can set up a few lines of plain text as a signature for every outgoing Gmail message. The signature you set up on the phone is independent of the signature you use for Gmail on the web.

1. Open the **Gmail** app.
2. Touch the **Menu Key** > **Settings** and select the account you want to add a signature to.
3. Touch **Signature** and enter the text.

4. Touch **OK**.

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Replying to or Forwarding a Message

1. Open the Gmail message you want to reply to or forward to another person.
2. Do one of the following as you need.
   - To reply to the sender, touch .
   - To reply to the sender and all recipients of the original message, touch > **Reply all**.
   - To forward the message, touch > **Forward**.
3. Edit your message and touch the send icon .

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Working With Received Attachments

When a message has an attachment, Gmail displays information about that attachment at the top of the message.

Depending on the attachment type, the applications installed on your phone as well as your settings, you may preview, view, play, save the attachment, or check information about the attachment.

Tips:

For documents with multiple pages, touching the **PREVIEW** option will only download the pages you view. This will cost less time and data compared to downloading the entire file.

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Searching for Messages

You can search for messages using words that appear in addresses, subjects, labels, or contents.

Notes:

If you search while the phone doesn't have an active Internet connection, only messages synchronized onto your phone can be searched.

1. Open the **Gmail** app and touch .
2. Enter the words to search for and touch the search key on the screen keyboard.

   As you type, suggestions may appear below the search field. You can touch a suggestion to add its text to the search field.
3. In the search results, touch the message you need and work with it just as you would with any Gmail message.

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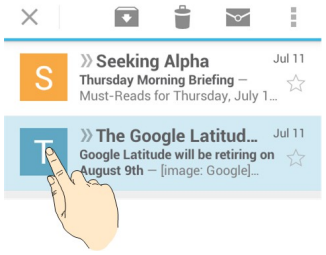
Working With Labels

Message labels include both labels you create and default labels such as **Sent**, **Starred**, and **Outbox**. You can organize your emails by labeling them or adding stars to them. Labels also help you sort your messages, similar to folders.

To label or change labels:

1. Open the **Gmail** app and touch in the message list the boxes at the left side of the messages you want to label.



2. At the top of the screen, touch > **Change labels**.

3. Check or uncheck labels in the new screen and touch **OK**.

To add stars to messages:

1. Open the **Gmail** app and touch in the message list the boxes at the left side of the messages you want to star.

2. At the top of the screen, touch > **Add star**.

To view messages by label:

1. Open the **Gmail** app and touch the Gmail icon above the message list in order to open a menu of accounts, mail boxes and labels.

2. Touch the label to view messages with that label.

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Changing Gmail Settings

Touch the **Menu Key** > **Settings** in any Gmail screen to change **General settings**, which apply to all Gmail accounts, or other settings that only apply to specific accounts.

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Messaging

You can use the Messaging app to exchange text messages (SMS) and multimedia messages (MMS).

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Opening the Messaging Screen

Touch in the home screen and select **Messaging**.

The **Messaging** screen opens, where you can create a new message, search for messages, or open an ongoing message thread.

- Touch to write a new text or multimedia message.
- Touch to search for a message with keywords.
- Touch an existing message thread to open the conversation you've had with a certain number.

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Sending a Text Message

1. On the **Messaging** screen, touch at the bottom.

2. Add recipients by one of the following ways.

   - Touch the **To** field and manually enter the recipient's number or contact name. If the phone presents a few suggestions, touch the one you want to add.
   - Select recipients from your contacts by touching .

3. Touch the **Type message** field and enter the content of your text message.

Notes:

You can touch the **Menu Key** to insert quick text, smiley, signature, or contact in text format.

4. Touch **Send**.

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Sending a Multimedia Message

1. On the **Messaging** screen, touch at the bottom.
2. Enter the recipient and the text of the message, as you do when sending a text message.
3. Touch the **Menu Key** > **Add subject** to add a message subject.
4. Touch the paper clip icon beside the message text box to open a menu where you can select the kind of media file you wish to attach to the message.
   - **Pictures**: Select a picture to add to your message.
   - **Capture picture**: Take a photo and add it to your message.
   - **Videos**: Select a video clip to attach to your message.
   - **Capture video**: Shoot a video clip and add it to your message.
   - **Audio**: Select an audio file to add to your message.
   - **Record audio**: Record an audio file and add it to your message.
   - **Slideshow**: Add slides and more attachments to create a slideshow.
   - **People**: Insert a contact in text or attachment format.
5. Touch **Send**.

Notes:

When you enter an email address as a recipient, add a subject, or attach a file, the message is automatically converted to a multimedia message. When you delete this information, the message is converted back to a text message.

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Replying to a Message

Messages you receive are appended to existing threads for the same number. If the new message comes from a new number, a new thread is created.

1. On the **Messaging** screen, touch the thread that has the message you want to reply to.
2. Type your reply in the text field at the bottom. You can touch the attach icon if you want to reply with an MMS.
3. Touch **Send**.

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Forwarding a Message

1. On the **Messaging** screen, touch the thread that has the message you want to forward.
2. Touch the message.
3. Touch **Forward** in the menu that opens.
4. Enter a recipient for the message and edit the content if you want.
5. Touch **Send**.

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Viewing Details About a Message

1. Touch a message in a thread.
2. Touch **View details** to see information about the message, such as message type, sender, recipient, or date.

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Deleting Messages or Threads

Delete Messages in a Thread

1. On the **Messaging** screen, touch a thread.
2. Touch the **Menu Key > Multi-Select**.
3. Touch the messages you want to delete. The ones you touch will have a check in the box beside them.
4. Touch at the bottom.
5. Touch **Delete**.

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Delete Message Threads

1. On the **Messaging** screen, touch and hold one thread you want to delete.
2. If there are more threads you want to delete, touch them one by one.
3. Touch at the bottom.
4. Touch **OK**.

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Changing Message Settings

Touch the **Menu Key** > **Settings** in the **Messaging** screen to change the Messaging settings.

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Calendar

Calendar on the phone works with the web-based Google Calendar service for creating and managing events, meetings, and appointments. It also works with the Microsoft Exchange ActiveSync calendar once you sign into your Exchange account on the phone.

To open Calendar, touch in the home screen and select **Calendar**.

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Viewing Your Calendars and Events

Select Visible Calendars

1. Open the **Calendar** app.
2. Touch the **Menu Key** > **Calendars to display**.
3. Touch the calendars to check the ones you want to see or uncheck the ones you'd like to hide.

Events from hidden calendars are not shown in the **Calendar** app.

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Change Calendar Views

You can view your calendars in different forms. The app offers four view types: Month, Week, Day, and Agenda.

Touch the view you want at the bottom of the Calendar screen.

- In Month view, swipe vertically to see earlier months and later months.
- In Week or Day view, swipe horizontally to see earlier weeks/days and later weeks/days.
- When you are viewing earlier or later days, weeks, or months, touch **Today** at the top to quickly switch to today.

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View Event Details

In Agenda, Day, or Week view, touch an event to view its details.

In Month view, touch a day to switch to Day view or Agenda view. Then touch an event to view its details.

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Creating an Event

1. In any Calendar view, touch to open an event details screen for a new event.

   Tips:

   You can also touch a spot in Day or Week view twice to add an event to that time spot.

2. Add details about the event.

   Enter a name, location, time span, and other additional details about the event.

   Notes:

   If you have more than one calendar account, you can choose a calendar account to which to add the event by touching the current calendar above the **Event name** box.

3. Touch **DONE** at the top of the screen to save the new event.

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Editing or Deleting an Event

1. Find the event you want to edit, share, or delete.
2. Open its details screen (see *Viewing Your Calendars and Events - View Event Details* in this chapter).
3. Do one of the following as you need.
   - To edit the event, touch at the bottom. Touch **DONE** to save your changes.
   - To delete the event, touch at the bottom, and then touch **OK**.
   - To share the event, touch at the bottom and choose how to share.

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Changing Calendar Settings

1. Open the Calendar app.
2. Touch the **Menu Key** > **Settings**.
3. Touch **General settings** to change settings that apply to all accounts, or touch an account to set up options that only apply to the account.

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Google+

Google+ is a social networking service offered by Google. The Google+ application on your phone enables you to manage your data, chat with online contacts, organize them in different circles, and share your selected information.

Touch in the home screen and select **Google+**. The first time you open the **Google+** app, select the contact sync and photo & video backup options.

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Organizing Your Contacts

1. Open the **Google+** app.
2. Touch > **People**.
3. Touch and enter the person you want to search for or select a suggested person, and then touch **Add** or **Follow**.
4. If you touched **Add**, select the circle the person should be added to and touch **OK**, or touch **Create a new circle** to set up new circles.

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Getting Updates

1. Open the **Google+** app.
2. Touch > **Home**.
3. Swipe up or down to see different information shared with you by other users. Touch to choose what groups of information are shown.
   - **All**, **Friends**, **Family**, **Acquaintances**, and **Following** show updates from people you've added to your circles.
   - **What's hot** shows popular posts on Google+.
   - **Nearby** shows posts shared with you by users near your current location.

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Chatting With Contacts

You can chat with your Google+ contacts through instant messaging and video call.

1. Touch > **Hangouts** in the **Google+** app or touch from the home screen > **Hangouts**.
2. Touch "+" at the top right to create a new Hangout.
3. Type the person's name, email address, phone number, or choose a circle. You can also select one of your contacts from the list below the search box.
4. At the bottom of the screen, touch either **Message** or **Video call**.

   For chatting with messages, enter the text and touch to send the message.

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Checking Photos

You can see your own photo albums and those shared by other users.

Touch > **Photos** in the **Google+** app to see all available albums.

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Checking and Managing Your Profile

1. Touch > **Profile** in the **Google+** app.
2. Touch the ABOUT tab to see your profile and edit it.

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Browser

Use **Browser** to view web pages and search for information.

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Opening the Browser

Touch in the home screen and select **Browser** to use the web browser.

Browser also opens when you touch a web link - for example, in an email or a text message.

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Open a Web Page or Search the Web

1. Open the **Browser** app.
2. Touch the address box at the top of the web page. If the address box isn't visible, scroll to the top of the web page to show it.
3. Enter the address (URL) of a web page or enter terms you want to search for. You can also touch to search by voice.
4. Touch a URL or search suggestion or touch **Go** on the keyboard to open the web page or search results.

   Tips:

   Touch the **X** at the bottom of the screen if you want to stop opening the page.

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Set the Homepage

Your home page opens when you open a new browser tab, and when you start **Browser** after restarting your phone.

1. Open the page you want to set as your home page.
2. Touch the **Menu Key > Settings > General > Set homepage**.
3. Touch **Current page** or one of the following options.
   - **Blank page**: Open browser tab without opening a web page by default. This can make new Browser tabs open more quickly.
   - **Default page**: Set the factory default URL as the homepage.
   - **Most visited sites**: Every new browser tab displays a list of your frequently visited sites for you to choose from.
   - **Site Navigation**: Every new browser window displays a site navigation screen with several shortcuts to specific websites.
   - **Other**: Type a URL as the homepage.

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Get Information About the Page

Touch the **Menu Key > Page info**.

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Working With an Opened Page

While viewing most web pages, you can do the following operations.

- Scroll: Swipe the screen in any direction.
- Zoom out: Touch the screen with two fingers and pinch them together.
- Zoom in: Touch the screen with two fingers and spread them apart.

• Follow a link: Touch a link on the web page to open it.

• Go back: Touch to return to the page you've viewed previously in the same window.

• Go forward: Touch .

• Refresh the page: Touch to the right of the address box.

• Find text on the page: Touch the **Menu Key > Find on page** and type the terms you want to search for.

• Send the page URL to friends: Touch the **Menu Key > Share page** and select how you want to send the URL.

• Save the page for offline reading: Touch the **Menu Key > Save for offline reading**. You can touch the **Menu Key > Bookmarks > SAVED PAGES** to read them.

Notes:

Besides links, **Browser** also recognizes in a web page some phone numbers, addresses, and similar information for you to act on. Try touching them and see what happens.

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Using Multiple Browser Tabs

You can open several web pages at the same time (one page in each tab) and switch between them freely.

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Open a New Browser Tab

Touch at the bottom of the screen.

A new browser window opens and the homepage is loaded.

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Switch Between Opened Tabs

1. Touch the tabs icon at the bottom of the screen. The number in the icon indicates the number of currently active browser windows.
2. Swipe vertically to scroll through the list of opened tabs.
3. Touch the thumbnail of the tab you want to open.

   Tips:

   Swipe a thumbnail horizontally or touch its **X** to close the tab. Touch **X** on the top right of the screen to close all tabs.

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Use Incognito Tabs for Privacy

Pages you view in incognito tabs won't appear in your browsing history or search history. No trace will be left on your phone once you close the tab.

1. Touch the tabs icon at the bottom of the screen.
2. Touch the **Menu Key > New incognito tab**.

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Downloading Files

1. Touch and hold an image or a link to a file or to another webpage.
2. In the menu that opens, touch **Save image** or **Save link**.

You can view or open the downloaded files in the **Downloads** app (**> Downloads**) or by touching the **Menu Key > Downloads** when in the **Browser** app.

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Using Bookmarks

Save web URLs as bookmarks to open them easily in the future.

To open a bookmark, touch the **Menu Key > Bookmarks** in a browser window and then touch the bookmark.

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Bookmark a Web Page

1. Open the web page.
2. Touch the **Menu Key > Save to bookmarks**.
3. Edit the bookmark label and address if necessary, or choose a different account.

   Touch the name beside **Add to** to change the place where the bookmark will be stored.
4. Touch **OK**.

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Edit a Bookmark

1. Touch the **Menu Key > Bookmarks** in the web page screen.
2. Touch and hold the bookmark to edit.
3. Touch **Edit bookmark**.
4. Edit the label, address, account, or location of the bookmark in the dialog that opens.
5. Touch **OK**.

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Delete a Bookmark

1. Touch the **Menu Key > Bookmarks** in the web page screen.
2. Touch and hold the bookmark to delete.
3. Touch **Delete bookmark**.
4. Touch **OK**.

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Viewing Browsing History

1. Open the Browser app and touch the **Menu Key > Bookmarks**.
2. Touch the **HISTORY** tab.
3. Touch a time span to view the web pages you browsed during then, or touch **Most visited** to view your frequently visited web pages. You can touch an item to reopen the web page.

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Changing Browser Settings

You can configure a number of Browser settings to customize the way you browse the web, including several that you can use to control your privacy.

To open the Browser settings screen, touch the **Menu Key > Settings** in the web page screen.

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Maps

Activating Location Services

To find your location and directions on Google Maps, you must enable location services on your phone.

1. Touch the **Home Key > Menu Key > System settings > Location services**.
2. Select the location options you want to use.
   - Check **Google's location service** to use Wi-Fi and mobile networks to determine your approximate location.
   - Check **GPS satellites** to use GPS satellites to determine your location.
   - Check **Location & Google search** to let Google access your location data for some services and improved search results.

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Finding Your Location

1. Touch the **Home Key** > > **Maps**.
2. Touch at the bottom.

The map centers on a dot and an arrow that indicate your location and the direction the phone is facing.

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Searching for Places

1. Touch the **Home Key** > > **Maps**.
2. Touch and enter the place you're looking for in the search box at the top.

   You can enter an address, a city, or a type of business or establishment, for example, "museums in Shanghai." As you enter information, suggestions from your previous searches and from popular searches appear in a list below the search box. You can touch a suggestion to search for it.

   Tips:

   Touch beside the search box to use voice search.

3. Touch the search key on the keyboard. Red dots indicating search results appear on the map.
4. Touch a red dot to open a card at the bottom with the summary information about that place. Slide the card up to find more information about that location as well as options for getting directions and more.

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Getting Directions

Maps can provide directions for travel by foot, public transportation, or car.

1. Touch the **Home Key** > > **Maps**.
2. Touch beside the search box.
3. Select the mode of transportation and then enter a start and end point. If your location is found, it will appear in the start point field by default.
4. As suggested routes appear, touch one to see it on the map. Slide the bottom card up to see the route directions in a list.

Notes:

Touch (Start) to use Google Maps Navigation (beta) and get turn-by-turn voice directions.

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Searching for Local Places

Google Maps helps you find all kinds of businesses and establishments around you. You can rate these places and get recommendations.

1. Touch in the home screen and select **Maps**.
2. Navigate the map view to the area you'd like to explore. You can explore nearby locations or pan the map to another area.
3. Touch the search bar at the top.
4. Touch the Explore card and choose one option in the new screen. Results will appear on cards.
5. Touch a location to see it on the map or get directions.

   You can also slide up the bottom card to find out more information, such as the street address, website, and street view, or to call that place, save it to your Google Account, or share it with others.

   Notes:

   The "Explore" feature is not available for all areas.

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Google Now and Search

You can search for information on the web or on your phone using Google Now. You can also search the web or perform certain tasks by speaking.

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Enabling Google Now

You can turn Google Now on or off from within the Google app. The first time you open the Google app, see a brief explanation of how Google Now works and touch **Next**. When you see **Yes, I'm in**, choose it to begin.

1. Touch the **Home Key** > > **Google**.
2. Touch the **Menu Key** > **Settings**.
3. Slide the ON/OFF switch next to **Google Now**.

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Searching With Text

You can search for information by entering text.

1. Touch the **Home Key** > > **Google**.
2. Enter the terms you want to search for in the search box and touch the search key on the keyboard, or touch a search suggestion that appears below the search box.

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Searching by Speaking

You can also search the web or perform certain tasks by speaking.

1. Touch the **Home Key** > > **Google**.
2. Touch the microphone icon to the right of the search box, or just say 'Google'.

   Notes:

   You can also touch the **Home Key** > > **Voice Search**.

3. Speak the terms you want to search for or the question you want to ask. When you're finished speaking, your speech is analyzed and the search is initiated.

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Changing Search Settings

Open the **Google** app and touch the **Menu Key > Settings** to set Google Now, notifications, my stuff (your addresses and interests for Google Now in order to deliver relevant information when you need it), voice and phone search options, and to change privacy settings for your account.

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Camera

You can use your phone to take photos and to record videos. Photos and videos are stored on the phone's memory card or in the phone's internal storage. You can copy them to your computer or access them in the **Gallery** app.

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Capturing a Photo

Open or Close the Camera

To open the camera, touch the **Home Key** > > **Camera**.

To close the camera, touch the **Home Key** or **Back Key**.

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Viewfinder Screen

The viewfinder screen lets you view your subject and access camera controls and options.

1. Switch between the front and back camera.
2. Change the flash mode (only available for the back camera).
3. Select color effect (only available for the back camera).
4. Select scene mode (only available for the back camera). You can take panoramic pictures, take consecutive snapshots or enable smile detection.
5. Change the camera settings.

6. Slide to zoom in or out.

7. View pictures and videos you have taken.

8. Touch the shutter button to take a picture.

9. Switch between the camera and camcorder.

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Take a Picture

You can take high-resolution pictures using your phone's camera.

1. Touch the **Home Key** > > **Camera**.

2. Before taking the photo, you can use the zoom bar on the screen or use the **Volume Key** to zoom in on your subject.

3. On the viewfinder screen, touch the flash button to select a camera flash mode depending on your lighting conditions.

   Warning:

   Keep a safe distance when using the flash. Do not point the flash towards the eyes of people or animal.

4. Frame your subject on the screen.

   Tips:

   Hold the phone vertically when taking portrait shots or hold the phone horizontally when taking landscape shots. You then will not need to rotate the photo after capturing it.

5. You can either let the camera autofocus on the center of the screen, or you can touch another area on the screen that you want to focus on.

6. Touch to take the picture.

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Take a Panoramic Picture

You can take panoramic pictures using your phone's camera.

1. Touch the **Home Key** > > **Camera**.

2. Touch > **Panorama**.

3. Frame one side or the other of the scene you want to include in the panorama. For example, if you're photographing a bridge, frame the end of the bridge where you want to start you panorama.

4. Touch and slowly start panning across the area you want to include in the panorama. In the bridge example, pan slowly and steadily from one end to the other.

5. When you reach the end of your shot, touch . The panorama appears immediately, and the phone displays a progress indicator while it saves the image.

6. To view the image, touch the thumbnail in the corner of the screen.

Notes:

Touch the **Back Key** to exit the panorama mode.

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Customizing Camera Settings

On the camera screen, touch to display the following options.

- **Scene mode**: Select the scene mode suitable for your environment.

- **Grid**: Show or hide the composition lines.
- **Shutter tone**: Change the shutter sound.
- **Picture size**: Set the image size for your picture.
- **Timing Photo**: Set the time delay before the camera takes a picture automatically after you touch the shutter icon, or turn off this feature.
- **Picture Quality**: Adjust the image quality for your photos.
- **Face**: Turn on or off blink detection or red-eye reduction features.
- **Image**: Adjust image exposure, brightness, contrast, saturation and sharpness.
- **White balance**: Select how the camera adjusts colors in different kinds of light to achieve the most natural looking colors for your shots or choose to allow the camera to adjust the white balance automatically.
- **ISO**: Select ISO level or leave it at **Auto**.
- **Review time**: Set whether to review the photo after you take it. You can also select the review time.
- **Geo-tag**: Turn on to save location data to the captured pictures.
- **Restore defaults**: Restore default camera settings.

Notes:

Some options are not available for the front camera.

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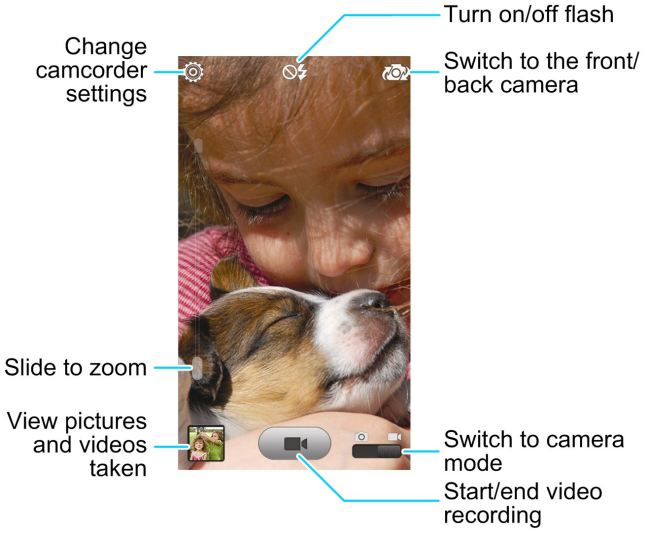
Recording a Video

Record high quality videos using your phone's video camera.

1. Touch the **Home Key** > > **Camera**.
2. Switch to the camcorder mode by sliding the switch.
3. On the viewfinder screen, make necessary adjustments.



4. Frame your subject on the screen.
5. Touch to start capturing video. The recording duration appears.

   Tips:

   During the recording, you can slide the zoom bar to zoom in or out, or touch to take a picture.

6. Touch to stop recording.

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Customizing Camcorder Settings

Before recording a video, you can touch to open the following camcorder setting options.

- **Video quality:** Set the quality for your video.
- **Time lapse:** Set the time interval between each frame to shoot time lapse videos.
- **White balance:** Select how the camera adjusts colors in different kinds of light to achieve the most natural looking colors for your videos or choose to allow the camera to adjust the white balance automatically.
- **Geo-tag:** Turn on to save location data to the captured videos.
- **Restore defaults:** Restore default camera settings.

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Gallery

Opening Gallery

Touch the **Home Key** > > **Gallery** to view albums of your pictures and videos.

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Working With Albums

When you open Gallery, all pictures and videos on your phone are displayed in a number of albums.

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View Album Contents

Touch an album to view the pictures and videos it contains.

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Share Albums

1. Touch and hold an album until it is selected.
2. Touch more albums that you want to share.
3. Touch at the top of the screen and select how you want to share the albums.

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Delete Albums

1. Touch and hold an album until it is selected.
2. Touch more albums that you want to delete.
3. Touch > **OK**.

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Working With Pictures

When you're browsing pictures in the Gallery application, you can use the menu at the bottom or touch the **Menu Key** to rotate the picture, edit or share it, and more.

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Rotate a Picture

1. Touch the **Home Key** > > **Gallery**.

2. Touch an album and then a picture.

3. Touch the **Menu Key > Rotate left** or the **Menu Key > Rotate right**.

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Retouch a Picture

You can edit any photos you took and some other pictures in Gallery. The changed picture is saved in the Edited album, while the original image is never affected.

1. Touch the **Home Key** > > **Gallery**.
2. Touch an album and then a picture.
3. Touch at the bottom of the screen. If the icon is invisible, touch the displayed picture first.
4. Touch **Adjust**, **Modify**, **Filter**, or **Effect** to select editing options. Touch or to undo or redo the changes you make.
5. Touch **Save** to save the picture to the **Edited** album.

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Share Pictures

1. Touch the **Home Key** > > **Gallery**.
2. Touch an album and then a picture.
3. Touch at the bottom of the screen. If the icon is invisible, touch the picture first.
4. Select how you want to share the picture.

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Working With Videos

Play Videos

1. Touch the **Home Key** > > **Gallery**.
2. Touch an album in the gallery and then touch the thumbnail of a video.

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Share Videos

1. Touch the **Home Key** > > **Gallery**.
2. Touch an album and then touch and hold the thumbnail of a video.
3. Touch at the top of the screen.
4. Select how you want to share the video.

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Music

Touch the **Home Key** > > **Music** to play audio files stored on your phone. **Music** supports a wide variety of audio formats, so it can play music you purchase from online stores, music you copy from your CD collection, and so on.

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Copying Music Files to Your Phone

Before using Music, you need to copy or download audio files to your phone.

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Copy From a Computer

1. Connect your phone and the computer with a USB cable.
2. Open the Notification panel and touch .
3. Touch **Media device (MTP)** (if supported on the PC) or **Camera (PTP)** to browse the files in the phone storage and on the microSD card.
4. Copy the music files from the PC and paste them to the phone storage or to the microSD card.

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Download From the Internet

You can download music files when browsing web pages. See *Browser - Downloading Files*.

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Receive via Bluetooth

You can receive music files from other devices via Bluetooth. See *Connecting to Networks and Devices - Connecting to Bluetooth Devices - Receive Data via Bluetooth*.

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Receive via Wi-Fi

You can receive music files from other devices via Wi-Fi. See *Connecting to Networks and Devices - Using Wi-Fi Direct*.

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Viewing Music Library

Touch the **Home Key** > > **Music** and your music library is displayed. All your audio files are cataloged according to the information stored in the files.

Touch the tabs at the top of the screen to view your music library organized by **Albums**, **Artists**, **Songs**, **Playlists**, **Folders** or **Genre Lists**.

Notes:

If an audio file is being played, its summary information is displayed at the bottom of the music library screen. Touch to open the playback screen.

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Set a Song as the Default Ringtone

The song will be used as the ringtone for all incoming calls, except those from contacts to which you have assigned special ringtones (see *People - Editing Contacts - Set a Ringtone for a Contact*).

1. Touch the **Home Key** > > **Music** to see the music library.

   Notes:

   If you are in the playback screen, touch to return to the music library.
2. Touch next to a song in any list.
3. In the menu that opens, touch **Set as phone ringtone**.

   Notes:

   If the song is being played and you're in the playback screen, you can touch the **Menu Key** > **Set as ringtone** in the playback screen.

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Delete a Song

1. Touch the **Home Key** > > **Music** to see the music library.

   Notes:

   If you are in the playback screen, touch to return to the music library.

2. Touch next to a song in any list.
3. In the menu that opens, touch **Delete** > **OK**.

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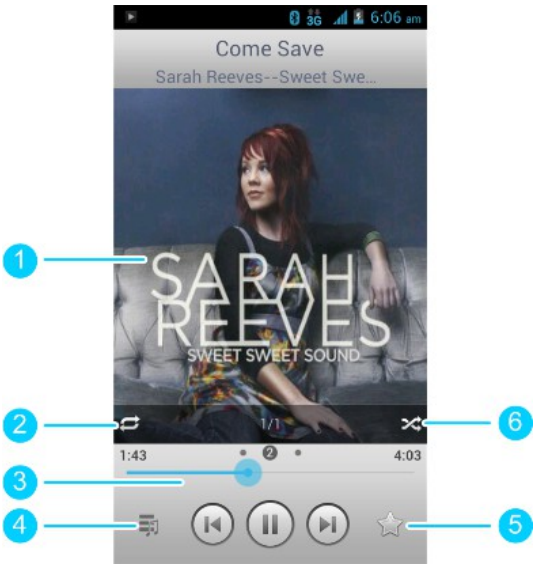
Playing Music

Touch a song in the music library to listen to it. The following playback screen appears.



1. Album artwork. Swipe left or right to see lyrics (if available) or the current playlist.
2. Touch to toggle repeat mode: no repeat, repeat the current song, or repeat the current playlist.
3. Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.
4. Touch to return to the music library.
5. Touch to add the song to or remove it from favorites. Your favorite songs can be found in the **Favorite** playlist in the **Playlists** tab.
6. Touch to play the current playlist in shuffle mode, where tracks are played in random order.

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Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

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Create a Playlist

1. Touch next to the song in the music library.
2. In the menu that opens, touch **Add to playlist**.
3. Touch **New**.
4. Type the playlist name and touch **Save**.

The playlist is created and the song you selected is added to the playlist.

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Add a Song to a Playlist

1. Touch next to the song in the music library.
2. In the menu that opens, touch **Add to playlist**.
3. Touch the name of the playlist you want the song added to. The song is added to the playlist.

Notes:

You can also create a new playlist by touching **Add new playlist** in the **Playlists** tab of your music library. Then touch the songs you wish to add to the playlist and select .

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Remove a Song From a Playlist

1. Touch the **Playlists** tab in the music library to see all the playlists.
2. Open a playlist.
3. Touch next to the song you want to remove.
4. Touch **Remove from playlist**.

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Delete or Rename a Playlist

1. Touch the **Playlists** tab in the music library to see all the playlists.
2. Touch next to a playlist and touch **Rename Playlist** or **Delete Playlist** in the menu that opens.

Notes:

These options may not be available for certain automatically created playlists, such as **Recently added**.

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Play Music

The **Play Music** application ( ) works with Google Music, Google's online music store and streaming service. You can stream via mobile data or Wi-Fi and listen to your favorite songs that you've added to your online Google Music library. You can also play audio files you've copied directly to your phone from a computer.

Notes:

The availability of Google Music is dependent on your region. If it is not available, or you don't have a mobile data or Wi-Fi connection, you can only play music stored on your phone.

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Playing Your Music

Touch the **Home Key** > > **Play Music**. If you are prompted, select an account.

The app searches your online library and your phone for music and playlists before displaying your combined music library, organized by GENRES, ARTISTS, ALBUMS, SONGS, and Playlists. You can touch > **My Library / Playlists** to view all the music and playlists. To changes views of your library, swipe left or right.

Touch a song to play it. When the song is playing, touch the summary information at the bottom to display the playback screen.

1. Song and artist information. Touch or drag down to return to the music library.
2. Album artwork.
3. Give the song a thumbs up.
4. Playback control. Skip songs, pause and resume playback, use shuffle or repeat. Drag the progress bar to jump to any part of the song.
5. Give the song a thumbs down.
6. Touch to see the current playlist (queue).
7. Get more options.

You can still control the music when you are not in the playback screen.

- In the music library of the **Play Music** app, touch the summary information at the bottom of the screen to restore the playback screen.
- In other apps, flick down the notification panel. Touch the song title to restore the playback screen, or just pause/ resume playback or skip to the next song.
- When the screen is locked, the song information, album cover as well as playback control is displayed on top of the screen. You can pause/resume playback or skip songs.

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Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

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Create a Playlist or Add a Song to One

Touch ⋮ next to the song and select **Add to playlist**.

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Rearrange Songs in a Playlist

1. Touch > **Playlists** in the **Play Music** app and select a playlist.
2. Touch and hold the handle icon at the left of a song to drag the song to a desire position in the playlist.

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Remove Songs From a Playlist

1. Touch > **Playlists** in the **Play Music** app and select a playlist.

2. Touch next to the song.

3. Select **Remove from playlist**.

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Delete a Playlist

1. Touch > **Playlists** in the **Play Music** app.

2. Touch next to the playlist you want to delete.

3. Touch **Delete > OK** in the menu that opens.

Notes:

Certain automatically created playlists such as **Last added** cannot be renamed or deleted.

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Video Player

Use the video player to play various kinds of videos.

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Opening the Video Library

Touch in the home screen and select **Video Player** to view your video library.

Touch the tabs at the top of the screen to view the available videos.

- **ALL VIDEOS:** All videos on your phone.
- **LAST ADDED:** Recently added videos on your phone.
- **CAMERA VIDEOS:** Videos you have recorded with the phone's camera.

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Playing and Controlling Videos

Touch a video in the video library to play it. Rotate the phone on its side to watch the video in landscape view.

Touch the video to show the playback controls. You can pause and resume the playback, jump to any part of the video, adjust video brightness and more.

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Managing Video Files

Delete Video Files

1. Touch and hold a video in the video library. The video is highlighted.

2. To remove more videos, touch them.

3. Touch > **OK** at the bottom left of the screen.

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Share Videos

1. Touch and hold a video in the video library. The video is highlighted.

2. To share more videos, touch them.

3. Touch at the bottom right of the screen and select how you want to share them.

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Rename a Video

1. Touch next to the video you want to rename.
2. Touch **Rename**.
3. Type the new video name and touch **OK**.

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View Video File Details

1. Touch next to the video you want to view the details of.
2. Touch **Details**.

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Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

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Recording a Voice Memo

1. Touch in the home screen and select **Sound Recorder**.
2. Touch to start recording. Touch to cancel recording if you change your mind. You can touch to pause and to continue during the recording.
3. Touch to stop recording. The memo is automatically saved.

If you don't want to save the memo after recording it, touch to delete it.

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Playing a Voice Memo

To play a memo you just recorded:

Touch at the bottom of the screen.

To play any saved memo:

1. Touch **My records** at the top right of the screen to see all.
2. Touch the title of a memo to play it.

Notes:

You can also touch to share, rename, delete it, check its file information, add a tag, or set it as your phone ringtone.

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More Apps

Alarm

Set alarms or turn the phone into a bedside clock.

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Set a Alarm

1. Touch the **Home Key** > > **Alarm**.

2. Touch a default alarm to configure it, or touch **Add alarm** at the bottom of the screen to create a new alarm.

3. Set up the alarm options, such as time, repeat, and alarm sound.

4. Touch **SAVE** to save enable the alarm.

Tips:

You can touch / in front of an existing alarm to enable or disable it.

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Use Bed Clock

Bed clock displays the current time and the next alarm.

1. Touch in the home screen and select **Alarm**.

2. If necessary, touch the **Menu Key > Bed Clock Preferences** in the **Alarm** screen to set up the following bed clock options. Then touch the **Back Key** to return to the **Alarm** screen.

   - **Enable bed clock:** Turn on or off the bed clock function.
   - **Bed clock never sleeps:** Keep the bed clock screen turned on when charging the phone.

3. Touch the **Menu Key > Bed Clock** to open the bed clock screen.

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Calculator

Touch in the home screen and select **Calculator**.

Tips:

Touch or , or swipe left or right to switch between different panels. You can also hold the phone on its side to see all of the calculator buttons.

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Chrome

Touch the **Home Key >** **> Chrome**. Google Chrome is a web browser on your phone. When you sign in to Chrome with your Google Account, you can enable sync to access your Chrome bookmarks, browsing history, and open tabs from other devices where you're also signed in.

For detailed information, touch the **Menu Key > Help** in the browser.

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Downloads

The **Downloads** app keeps a record of the files you have downloaded using apps such as **Browser**, **Email**, or **Gmail**.

Touch the **Home Key >** **> Downloads** to check the record.

- Touch a file to open it with the appropriate application.
- Touch and hold a file, or check the box in front of it, to delete or share it.

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File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone and on the memory card.

Touch the **Home Key >** **> File Manager**. Touch the folder name at the top of the screen to switch

between the microSD card storage and the internal phone storage.

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Mi-EasyAccess

With **Mi-EasyAccess**, you can access selected applications right from the lock screen when the screen lock is set as 'Long press' by sliding the icon.

To select the applications you can access, touch the **Home Key** > > **Mi-EasyAccess**. Touch '+' to add an application, or touch to remove one.

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News and Weather

News & Weather offers weather forecasts and news stories about common topics. You can also customize the news topics that are displayed.

Touch the **Home Key** > > **News & Weather**. Swipe left or right to view weather forecasts and news headlines under different news topics.

Touch to refresh news and forecast data, or touch the **Menu Key** > **Settings** to change the settings.

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NotePad

Touch the **Home Key** > > **NotePad** to save and view your text notes.

Touch **New** at the bottom to create a new note. Then enter your text and touch **Save** to save it.

Touch a note to view its entire contents. You can also edit, delete, share or export it.

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Play Books

Use the Google Play Books app to read eBooks downloaded from the Google Play Store. You can read books online or mark them for availability offline, so that you can read them when you don't have an Internet connection. You can also use Google Play Books as your starting point for browsing or searching for books online. You will need a Google Account to use the Google Play Books app.

To start reading a book:

1. Touch the **Home Key** > > **Play Books** > > **My Library** to view all your books.
2. Touch a book cover to start reading the book.

   Tips:

   You can touch at the upper right of the screen and search for books by entering the title or author.
3. To turn pages when reading, touch on the side of the page or swipe sideways.

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Play Magazines

Touch in the home screen and select **Play Magazines** to access the digital magazines you have purchased from the Google Play Store.

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Play Movies and TV

Google Play Movies & TV allows you to watch movies and TV shows purchased in the Google Play Store.

Touch in the home screen and select **Play Movies & TV.** You can stream instantly on your phone or download so you can watch from anywhere even when you're not connected.

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Task Manager

Touch the **Home Key** > > **Task Manager** to view or stop applications.

- Touch a task in the **Tasks** tab to see its details. Touch beside a task name to stop the task.
- Touch the **Apps** tab to manage all the apps on your phone and memory card.
- Touch the **Resources** tab to view the real-time system resources information.

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Timer

Touch the **Home Key** > > **Timer** to use stopwatch or time countdown.

Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to 0.

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World Time

Touch the **Home Key** > > **World time** to check local time for cities around the world.

Touch **Add** at the bottom to add a new city.

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YouTube

Touch the **Home Key** > > **YouTube**.

You can watch YouTube videos or upload your own.

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Google Play Store App

Google Play™ is the place to go to find new Android apps, books, movies, and music for your phone. Choose from a wide variety of free and paid content ranging from productivity apps and games to bestselling books and blockbuster movies and music. When you find what you want, you can easily download and install it on your phone.

To access the Google Play Store app, you must first connect to the Internet using your phone's Wi-Fi or mobile data and sign in to your Google Account.

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Browsing and Searching for Apps

You can browse apps by category and sort them in different ways. Touch a top-level category, such as **Games** and touch an app from any subcategory.

You can also search for apps using an app's name or description, or the developer's name. Just touch and enter the search terms.

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Downloading and Installing Apps

When you find the app you are interested in through browsing or searching, touch it to open its details screen where more information about the app is displayed.

1. Touch **Install** (free apps) or the price (paid apps). If the app is not free, you need to sign in to your

Google Wallet account and select a payment method.

Caution:

Once installed, some apps can access many functions or a significant amount of your personal data. The Play Store will show you what the app can access. Touch **ACCEPT** to proceed, or touch the **Back Key** to cancel.

2. Wait for the app to be downloaded and installed automatically. Payment needs to be authorized before paid apps start downloading.

The app is successfully installed when the icon appears in the status bar. You can find the new app after touching the **Home Key >** .

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Creating a Google Wallet Account

You must have a Google Wallet account associated with your Google Account to purchase items from the Google Play Store app.

Do one of the following:

- On your computer, go to *checkout.google.com* to create a Google Wallet account.
- The first time you use your phone to buy an item from Google Play Store, you're prompted to enter your billing information to set up a Google Wallet account.

Warning:

When you've used Google Wallet once to purchase items from the Google Play Store app, the phone remembers your password so you don't need to enter it the next time. For this reason, you should secure your phone to prevent others from using it without your permission.

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Requesting a Refund for a Paid App

If you are not satisfied with an app, you can ask for a refund within 15 minutes of the purchase. Your credit card is not charged and the app is uninstalled from your phone.

If you change your mind, you can install the app again, but you can't request a refund a second time. For details, please read the Play Store help information.

1. Touch the **Home Key > > Play Store**.
2. Touch the **Menu Key > My apps**.
3. Touch the app to uninstall for a refund. The details screen for the app opens.
4. Touch **Refund** and then touch **Uninstall**. Your app is uninstalled and the charge is cancelled.

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Viewing Your Downloaded Apps

1. At the Apps screen of Play Store, touch the **Menu Key > My apps**.
2. Your list of installed apps opens. You can touch one to rate it, uninstall it, request a refund and so on.

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Uninstalling an App

1. On the Apps screen of Play Store, touch the **Menu Key > My apps**.
2. Touch an app to open its details screen.
3. Touch **Uninstall > OK**.

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Settings

Touch the **Home Key** > > **Settings**. The **Settings** app contains most of the tools for customizing and configuring your phone.

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General Settings

Airplane Mode

Swipe the ON/OFF switch to turn on or off airplane mode.

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Wi-Fi

Turn Wi-Fi on or off and configure your Wi-Fi connections. See *Connecting to Networks and Devices - Connecting to Wi-Fi*.

When Wi-Fi is on, touch the **Menu Key > Wi-Fi Direct** in the **Wi-Fi** menu to share data between two devices via Wi-Fi directly. See *Connecting to Networks and Devices - Using Wi-Fi Direct*.

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Bluetooth

Turn Bluetooth on or off and configure your Bluetooth connections. See *Connecting to Networks and Devices - Connecting to Bluetooth Devices*.

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Mobile Networks

Control mobile data use and select a mobile network. See *Connecting to Networks and Devices - Connecting to Mobile Networks*.

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Sound

Adjust volumes and toggle sound and mute (see *Personalizing - Adjusting Volumes*), set up ringtone and notification sounds (see *Personalizing - Changing Ringtone and Notification Sound*), and select system sounds.

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Display

- **Brightness:** Set the brightness of the display.
- **Wallpaper:** Select a background image for the home screen or lock screen.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Font size:** Set the font size of the text on the screen.
- **Pulse notification light:** Flash the LED light to notify you of missed calls, new messages, and other events.

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Date and Time

Set time zone and how date and time are displayed. You can also use network-provided data.

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Language and Input

- **Language:** Select a language for your system.

- **Spell checker:** Use Android spell checker to check for spelling errors when entering text.
- **Personal dictionary:** Add new words to the phone's dictionary or remove words from the dictionary. The words you add are used for spelling check and word suggestion.
- **KEYBOARD & INPUT METHODS:** Configure text input settings. See *Knowing the Basics - Entering Text - Input Settings*.
- **Voice search:**
  - **Language:** Select the language you use when entering text by speaking or searching by speaking.
  - **Speech output:** Control when the phone should output speech.
  - **Block offensive words:** Replace offensive words with an asterisk (*) when you use Google voice recognition to transcribe your voice into text.
  - **Hotword detection:** Allow you to launch voice search by saying 'Google'.
  - **Download offline speech recognition:** Enable voice input while you're off the Internet.
  - **Personalized recognition:** Improve speech recognition accuracy.
  - **Google Account dashboard:** Open the web browser to manage your data collected by Google.
  - **Bluetooth headset:** Record audio through Bluetooth headset when it's available.
- **Text-to-speech output:**
  - **PREFERRED ENGINE:** Select the speech synthesis engine you want to use or change its settings.
  - **Speech rate:** Select how quickly you want the synthesizer to speak.
  - **Listen to an example:** Play a brief sample of the speech synthesizer, using your current settings.
- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse accessory.

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Wireless and Networks

Data Usage

Touch the ON/OFF switch to turn on or off mobile data.

You can check how much data has been used during the time cycle you set, set a mobile data limit and warning, see what app has been using mobile data, allow data roaming or restrict background data for individual apps.

Notes:

The data usage is measured by your phone. Your carrier's data usage accounting may differ.

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Portable Hotspot

Share your phone's mobile data connection with PCs or other devices via Wi-Fi. See *Connecting to Networks and Devices - Sharing Your Mobile Data Connection - Share Your Mobile Data Connection as a Wi-Fi Hotspot*.

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VPN

Set up and connect to virtual private networks. See *Connecting to Networks and Devices - Connecting to Virtual Private Networks*.

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USB Tethering

Share your phone's mobile data connection with PCs or other devices via a USB cable. See *Connecting to Networks and Devices - Sharing Your Mobile Data Connection - Share Your Mobile Data Connection via USB*.

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Bluetooth Tethering

Share your phone's mobile data connection with PCs or other devices via Bluetooth connections. See *Connecting to Networks and Devices - Sharing Your Mobile Data Connection - Share Your Mobile Data Connection via Bluetooth*.

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Device

Storage

Check memory information for your memory card and internal storage.

- **Unmount SD card:** Unmount the memory card from your phone so that you can safely remove the card while the phone is on.
- **Erase SD card:** Erase all data on your memory card and prepare it for use with your phone.

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Battery

Check how much power remains for the battery and what has been using the battery.

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Apps

See apps installed on your phone and manage them.

Touch an app in the **DOWNLOADED**, **ON SD CARD**, **RUNNING**, or **ALL** tab to see its information. You can stop the app, uninstall or disable the app, clear data and cache, or move the app between the internal storage and the memory card.

Notes:

Not all applications can be moved or uninstalled.

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Connect to PC

Select the USB connection mode between your phone and PC. See *Connecting to Networks and Devices - Connecting to Your Computer via USB - Connect Your Phone to a Computer via USB*.

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Personal

Location Services

Activate location services to determine your location. See *Maps - Activating Location Services*.

Select **Location & Google search** to improve Google search results and other services using your location information.

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Security

- **Screen lock:** Choose Long press, Face Unlock, Pattern, PIN, or Password as the screen lock or turn the

protection off by selecting **None**. See *Personalizing - Protecting Your Phone With Screen Locks*.

- **Make pattern visible:** Show the pattern as you draw it.
- **Automatically lock:** Set the time needed for the lock protection to be activated after the screen turns off.
- **Power button instantly locks:** Lock protection is activated immediately when you press the **Power Key**.
- **Vibrate on touch:** Vibrate as you draw the pattern or enter the PIN/password to unlock the phone.
- **Owner info:** Enter the text that you may display on the lock screen.
- **Encrypt phone:** Encrypt your data on the phone to protect your privacy. See *Personalizing - Protecting Your Phone With Encryption*.
- **Make passwords visible:** Display passwords as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.
- **Unknown sources:** Check this option to permit installation of apps from sources other than the Play Store.
- **Trusted credentials:** Display trusted CA certificates.
- **Install from SD card:** Install certificates from the memory card.
- **Clear credentials:** Delete all certificates.

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Backup and Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- **Backup account:** Displays the Google accounts whose information gets backed up. You must sign in with one or more of these accounts on a new or reset device to retrieve the associated information. To add a new account, touch **Backup account > Add account**.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.
- **Factory data reset:** Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased. You can also erase the data on the memory card during the process.

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Accounts

Manage your accounts and synchronization. Touch **Add account** to sign in to or create accounts on your phone.

Touch an account type to see that type of accounts you have added and adjust the accounts settings.

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System

Accessibility

Configure the system accessibility options and accessibility plug-ins on your phone, such as using **TalkBack** for low-vision users.

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Developer Options

Developer options contains settings that are useful when developing Android applications.

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About Phone

View phone status, legal information and other information. You can also upgrade your phone system.

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Upgrading the Phone Software

There are several ways to upgrade your phone software:

- Use the online upgrade tool for mobile terminal products.
- Use the one-press upgrade package offered by your mobile service provider.
- Use the upgrade package on your microSD card.

Notes:

Visit the ZTE official handset service support website (*http://www.ztedevice.com*) and click your country or region to learn more about the above upgrade methods as well as which phones and methods are supported.

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For Your Safety

General Safety

	Don’t make or receive handheld calls while driving. Never text while driving.		Don’t use at gas stations.
	Keep your phone at least 15 mm away from your ear or body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause choking.		Don’t dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid contact with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.		Avoid extreme temperatures.
	Turn off when asked to in hospitals and medical facilities.		Avoid contact with liquids. Keep your phone dry.

	Turn off when told to in aircrafts and airports.		Don’t take your phone apart.
	Turn off when near explosive materials or liquids.		Only use approved accessories.
	Don’t rely on your phone for emergency communications.		

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FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION! Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment can generate, use and radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/ TV technician for help.

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Radio Frequency (RF) Energy

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States, Industry Canada of Canada.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 10 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg, and 1.6W/kg by Industry Canada.

This device is compliant with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and Canada RSS 102, and has been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C, and Canada RSS 102. This device has been tested and meets the FCC, IC RF exposure guidelines when tested with the device directly contacted to the body.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels

evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: SRQ-ZTEN9511.

For this device, the highest reported SAR value for usage against the head is 1.41 W/kg, for usage near the body is 1.28 W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

SAR compliance for body-worn operation is based on a separation distance of 10 mm between the unit and the human body. Carry this device at least 10 mm away from your body to ensure RF exposure level compliant or lower than the reported level. To support body-worn operation, choose belt clips or holsters which do not contain metallic components, and maintain a separation of 10 mm between this device and your body.

RF exposure compliance with any body-worn accessory which contains metal was not tested and certified, and use of such body-worn accessories should be avoided.

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Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components.

Your phone is compliant with FCC HAC regulations (ANSI C63.19).

While some wireless phones are being used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/ higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Your phone meets the M4/T4 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating.

For more information about FCC Hearing Aid Compatibility, please go to http://www.fcc.gov/cgb/dro.

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Distraction

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

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Operating Machinery

Full attention must be given to operating machinery in order to reduce the risk of an accident.

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Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always turn off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

• Always treat your phone and its accessories with care and keep it in a clean and dust-free place.

• Do not expose your phone or its accessories to open flames or lit tobacco products.

• Do not expose your phone or its accessories to liquid, moisture or high humidity.

• Do not drop, throw or try to bend your phone or its accessories.

• Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.

• Do not paint your phone or its accessories.

• Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.

• Do not expose your phone or its accessories to extreme temperatures, minimum 23 and maximum 122 degrees Fahrenheit.

• Please check local regulations for disposal of electronic products.

• Do not carry your phone in your back pocket as it could break when you sit down.

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Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

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Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media to be close to your phone for a long time.

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Electrostatic Discharge (ESD)

Do not touch the UICC card’s metal connectors.

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Antenna

Do not touch the antenna unnecessarily.

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Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

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Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result.

Store the phone safely before driving your vehicle.

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Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician.

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Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

• Do not grip the phone too tightly.

• Press the buttons lightly.

• Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.

• Take many breaks to stretch and relax.

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Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

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Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.

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Phone Heating

Your phone may become warm during charging and during normal use.

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Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

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Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

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Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories.

Only qualified personnel can service or repair the phone or its accessories.

If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

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Radio Frequency Interference

General Statement on Interference

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

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Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

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Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

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Medical Devices

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

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Hospitals

Turn off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

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Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices onboard the aircraft. Enable airplane mode prior to boarding an aircraft.

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Interference in Cars

Please note that because of possible interference with electronic equipment, some vehicle manufacturers

forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

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Explosive Environments

Gas Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.

Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

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Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas posted power off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

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